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SECTION OF NOMINATURE

627

OCT 9 1918
INDEXED

Bulbs
Roses
Fruits
Etc

SEASON
1916-7

OUR MOTTO
HIGHEST QUALITY
®

*Single
Tulips*

Routledge
SEED & FLORAL CO

145 147 2nd ST PORTLAND, ORE.

READ ALL ON THIS PAGE CAREFULLY
IT'S NEW COPY AND MEANS MUCH TO US AND MORE TO YOU



NOTE—WE PREPAY CHARGES IN THE STATES WEST OF THE ROCKY MOUNTAINS ONLY.

About Prepaying Charges

By Express or Freight Prepaid

We will, at prices printed in this catalog, send by prepaid Parcel Post right to your gate, all flowering Bulbs, Plants, Roses (Tree Roses excepted), small Fruit, Ornamental or Flowering Shrubs, Vines, Plants or Roots.

By Express or Freight Prepaid

Plants in pots, large branching shrubs, Evergreens of all kinds, that must be balled in earth, Tree Roses, Fruit and Shade Trees, over one year old and taller than three foot **CAN NOT BE SENT BY PARCEL POST SAFELY.** BUT if your order includes these larger stocks and AMOUNTS TO \$5.00 OR MORE, we will send **CHARGES PREPAID TO YOUR NEAREST EXPRESS OR FREIGHT OFFICE.**

Note—We RESERVE THE RIGHT to send part or all of any order, on which we PREPAY CHARGES by mail, express or freight, i. e., whichever way we find is best and cheapest.

But Consider This—If You Pay Charges

IF your order is mostly made up of large two or three-year-old branched Fruit or Shade Trees or Specimen Plants of Evergreens, or Shrubs for IMMEDIATE EFFECT, such as we use for our local city trade and YOU ARE WILLING TO PAY THE FREIGHT CHARGES yourself to get EXTRA VALUE IN THE LARGEST AND CHOICEST STOCK OBTAINABLE, INSTRUCT US TO THIS EFFECT AND WE ARE SURE YOU WILL BE MORE THAN PLEASED AND WELL SATISFIED.

ACKNOWLEDGEMENT AND NOTICES: We acknowledge all orders the day they are received and notify you by card or letter the day they are shipped so you will know just when to expect them. It generally takes from one to three days to get orders out, depending on the class of stock ordered.

REPORTS—GOOD OR BAD: Will you help us to attain greater success by writing and telling us how our Seeds, Plants and Trees reach you, how they grow and how you like them? We will certainly appreciate it. Your criticisms, if you have any, as well as your praises are desired.

OUR GUARANTEE: We guarantee all Seed, Plants, Bulbs and Nursery Stock true to name and will replace free, (with stock of the original value only) any that may through some unavoidable error, prove otherwise.

We guarantee all stocks to reach our customers in first-class, live, growing condition, but further than this, we give no warranty, impress or implied, that it will grow and thrive. Any fair-minded person knows that its success thereafter is dependent on soil, weather, care and other conditions over which we have no control. All orders filled subject to above conditions only.

MISTAKES: These will happen occasionally, in spite of all care. Write us at once, with copy of original order, if possible, and mistakes will be promptly rectified.

LARGE ORDERS: Any Gardener, Institution or Individual wishing seeds, plants, trees, or supplies in large quantities, is requested to mail a list of what is wanted, stating grade and size, and we will promptly return it with our very lowest prices. A letter of inquiry may save you dollars if you want to buy in QUANTITY, or some PARTICULAR STOCKS.

ROUTLEDGE SEED & FLORAL COMPANY.

CERTIFIED—STRONG, HEALTHY, CLEAN NURSERY STOCK—CERTIFIED

All Nursery Stock will bear a certificate from the Oregon State Department of Agriculture, showing that it is free from insect pests and disease and that our methods of growing and handling stocks are good.

Greetings to Our Customers & Friends

September 1st, 1916.

We have endeavored to make this catalog more complete and interesting than heretofore. All the different stocks are classified in sections, and by referring to the index on the next page you can quickly find anything wanted.

This book has been carefully rewritten and brought up-to-date; in fact, you cannot find a more complete and reliable guide to buy from. A western guide for western buyers.

THANKS TO UNCLE SAM.—We are now permitted to send Shrubs, Plants and Bulbs through the mail at the new Parcel Post rates, therefore, we have decided to do away with all agents and traveling salesmen and do a direct mail order business with our customers. This enables us to give you direct and personal attention, quick service and lower prices. You get the benefit of the agent's commission. We prepay transportation charges in most cases (see inside front cover), and assure you of the "Highest Quality" stocks. A grade far better than is generally used to fill agents' orders.

HEREAFTER, OUR CATALOGS will be our salesmen, "Our Silent Salesman," if you please, yet while they are silent, quiet and unassuming, they will be full of the reliable and up-to-date information that will enable you, in place of the agent, to select just such stocks as you desire and need. Our catalogs will not, like many agents, misrepresent or try to force you to buy something you really do not want.

THEREFORE, WE SUGGEST that you give this catalog a careful reading, select just what you want and send your order direct to us. It will have our best and most careful attention, whether it be large or small.

IF THERE IS ANY INFORMATION or advice that you wish, we will be glad to serve you to the best of our ability. Twenty years' practical experience on this coast enables us to serve you intelligently.

Yours for Highest Quality,

SEED STORE,

145-147 2nd St., near Alder

CITY TREE YARD,

Corner 4th and Madison Sts.

*Routledge
Seed & Floral Co.*

IMPORTERS, GROWERS AND DEALERS IN

Plants, Bulbs, Nursery Stock, Seeds, Birds, Foods, Poultry and Garden Supplies.

Reports From Pleased Customers Unsolicited

Huntington, Ore., October 28, 1915.

Routledge Seed & Floral Co.

Gentlemen: I tried some of your bulbs last fall and they were great, here where flowers can hardly be raised at all. You people with all your flowers in Portland cannot realize what these are to us. I pot them and the children take them to school, so everyone can enjoy them.

Yours truly,
MRS. J. W. BIRLEW.

Ashland, Ore., February 21, 1916.

Routledge Seed & Floral Co.

Gentlemen: The Cherry Trees and Rose Bushes arrived safely and they opened up so well that I am sending you another order. If you will try to ship this order out so I can get it by Saturday this week, will be obliged. Also thank you for the extra Rose Bush. We like Rose Bushes.

Respectfully yours,
T. B. WRIGHT.

Chewelah, Wash., November 16, 1915.

Routledge Seed & Floral Co.

Dear Sirs: Received the Bulbs and Bushes in fine shape and I thank you very much. Never saw anything arrive in better shape. Your goods surely are a good recommendation for your business.

I will send you quite an order later on. You surely have the goods, as I have found out by past experience.

Respectfully,
MRS. J. C. ACHESON.

Box 477, Roseburg Ore., February 23, 1916.

Routledge Seed & Floral Co.

Gentlemen: I wish to say that Seeds, Bulbs and Roots sent me last spring were of very good quality and gave perfect satisfaction; Anemones and Gladiolas blossoming and my Petunias raised from seed were extremely beautiful.

Yours truly,
MRS. L. G. HICKS.

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BEAUTIFUL FLOWERS FOR HOUSE, EASILY GROWN

Planting Bulbs in Pots.

The most fascinating, desirable and easiest flower to grow in pots for winter blooms inside or early spring flowers in the yard. You'll be successful if you follow our suggestions.

~~~~~  
 We supply Flower  
 Pots, Good earth,  
 also Fancy Jar-  
 diniers.  
 ~~~~~



Watch the Transformation.
 "from brown bulbs into beautiful flowering plants."



Get a dozen inexpensive Bulb pans or pots, fill with rich sandy loam, and plant one to three bulbs in each. Pots are better than boxes for inside.

Our pamphlet "how to do it" free.

You can grow Hyacinths in vases or dishes of water.

Making the Roots Grow.

After planting, wet well and set away in a cool, dark cellar or closet for four to six weeks to make the roots grow. Good roots are very necessary to produce choice blooms.



Don't let them
 get dry.

If you leave the bulbs in the light, the tops grow before the roots, thereby making poor flowers.

After the bulbs have made good roots, bring up two or three pots at a time, and set in a warm, sunny window to produce top growth. Water well with lukewarm water and don't let them dry out. Insects do not trouble flowering bulbs.

They Beautify Your Home.



When in bud or flower they make the most desirable plants for table or parlor decorations.

They are cheerful, bright and fragrant and last well. A good assortment will produce continuous blooms from Christmas to May.

Why Not Have Beautiful Flowers on the Veranda?

Fill your porch boxes and vases with Tulips, Hyacinths, or Narcissus. They will be through blooming in time to set Geraniums and summer flowering plants.

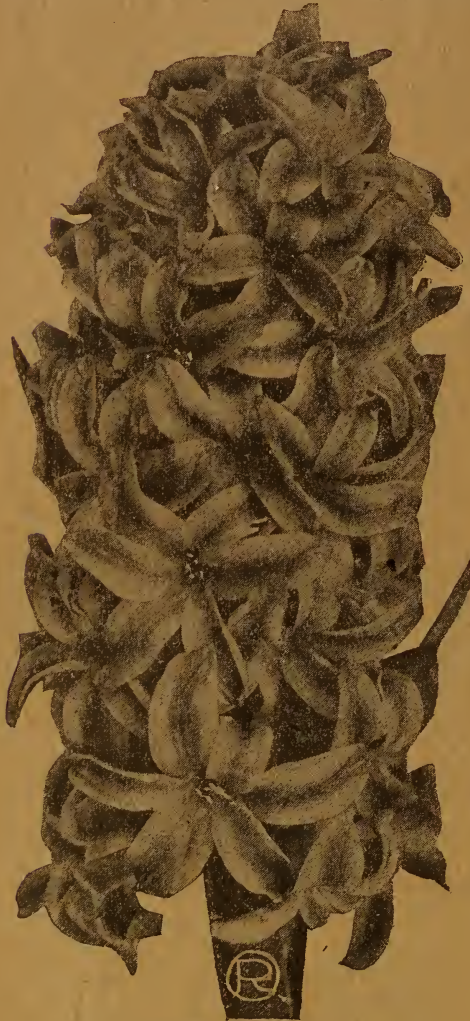
Plant Crocus here and there over the lawn. They are very pretty and effective.

Dutch Bulbs bloom early when other flowers are scarce. Plant a bed of the brilliant and beautiful Tulips this fall.

Cultural Directions for Outdoor Planting Free with Every Order.

HYACINTHS

The Hyacinth is one of the most popular and beautiful spring flowering plants for indoor and outdoor decorations. By careful management in keeping up a succession, they may be had in flower from the beginning of winter to the end of May. For a spring display in the open ground they are unexcelled. Brilliant effects can be obtained by massing different colors in varieties that grow about the same height and bloom at the same time. We furnish very large numbers for this purpose to public parks and cemeteries and we shall be pleased to recommend to any one suitable sorts, when desired.



Single Hyacinth

R. S. & F. Cos. Choice Mixed Hyacinths

Our choice mixtures of hyacinths are unexcelled for use where an effective display is wanted in the open air and are of such superior quality as to be entirely satisfactory to florists and others who use large quantities for forcing in pots or bulb pans. They comprise the finest shades of color and must not be confounded with the cheap mixtures sometimes offered for outdoor planting.

Prices—Your choice of the following colors. Each, 6c; doz., 65c; 100, \$5.00

Rose and Pink.
Red, all shades.
Dark Red.
Pure White.
Blush-White.
White, all shades.
Dark Blue.
Light Blue.
Yellow or
All colors mixed.

Colored Plate.

We have received from Holland a set of handsome hand-painted flowering bulbs in natural colors that will help you in the selection of your bulbs. On display at our salesroom.

MINIATURE OR DUTCH ROMAN HYACINTHS

These little single Dutch Hyacinths are excellent for growing in pots, earthen pans or boxes. They bloom early and freely. Plant from six to twelve bulbs in a shallow pot or pan and give them the same care and attention as other hyacinths. They can be planted close together in beds out of doors, producing a charming effect.

All Colors—Mixed Each, 5c; doz., 40c; 100, \$3.00
Separate Colors—Red, Pink, Pure White, Blush-White or Blue... Each, 5c; doz., 50c; 100, \$3.50

SELECT DOUBLE-NAMED HYACINTHS

All Selected First Size Bulbs. Price Each, 15c; Doz., \$1.50.

Double Hyacinths are not as popular as the single-belled varieties, for as a class the "doubles" although their individual bells are large and beautiful they do not make as well-filled trusses. For this reason we confine our list of varieties to a few of the very best.

LA TOUR D' AUVERGNE. A great favorite, early, double pure white bells.

PRESIDENT ROOSEVELT. New, bright pink, large compact spike with double bells.

BLOCKSBERG. Double bells on tall spikes, light blue shaded darker, very desirable.

GENERAL GORDAN. Beautiful double bells of canary yellow.

NOBLE PAR MERITE. A desirable shade of red, double bells on good spikes.

PREMIUMS.—No matter what you are buying, the only premium worth your consideration is **QUALITY.** "OUR MOTTO" is "HIGHEST QUALITY," first, last and all the time, "price" as low as possible.

SELECT SINGLE-NAMED HYACINTHS

Our selected named Hyacinths are the cream of the Holland nurseries, and are offered under their original names. For forcing in pots or for outdoor beds they are unsurpassed. **Note**—The single-flowered varieties are generally more effective and better for forcing than the double ones.

PRICES

MAMMOTH BULBS Each, 15c; dozen, \$1.50
LARGE FIRST PRIZE BULBS. Each, 12½c; dozen, \$1.25

PRICES

Single White

***GRANDEUR A MERVEILLE.** Lovely blush white, the best of its color; very large spikes.

LA FRANCHISE. Waxy white; large bells; fine bedder.

LA GEANDESSE. Extra fine snow white, large spikes of fine formed bells; a grand exhibition variety.

***MADAM VAN DER HOOP.** One of the earliest; pure white; fine for forcing.

***L'INNOCENCE.** Pure white. We believe this is the best white for general planting; flowers large and handsome; erect habit.

VOLTAIRE. Creamy blush-white; large spikes.

Single Red and Pink

GARIBALDI. Glowing crimson; very early.

***GERTRUDE.** Fine rosy pink; excellent sort for forcing or bedding; flowers large.

GIGANTHEA. Fine blush pink; giant; compact spike; a popular sort among gardeners.

***LADY DERBY.** A beautiful, delicate pink. An early forcer.

MORENO. Extra fine pink, very large spikes and bells; forces easily. Highly recommended.

***ROI-DES BELGES.** Bright scarlet, compact spike; splendid bedder; early.

***GENERAL DE WET.** A new bright pink. Large, handsome spike.

Single Yellow

KING OF THE YELLOWS. Deep golden yellow; handsome spike; late.

***YELLOW HAMMER.** Golden yellow, extra fine flower.



Single Hyacinths (Pot Grown)

Single Blue

***GRAND MAITRE.** Deep porcelain blue; spikes large and handsome; very desirable.

JOHAN. Pale blue, large bells; splendid, compact spike; extra, new.

KING OF BLUES. Deep glossy blue; large compact spikes. The finest dark blue Hyacinth in cultivation.

***MAUVE QUEEN (Henrietta).** Large, free flowering. A beautiful mauve.

***MARIE.** Darkest blue; very fine spike.

QUEEN OF THE BLUES. Beautiful azure blue; large bells, handsome truss; late.

GRAND EXHIBITION HYACINTHS

Price each, 20c; doz., \$2.00.

These represent the pinnacle of perfection in hyacinth evolution; the newest, choicest and best productions of Holland's famous hyacinth breeders. We unreservedly recommend them to all who want some superlatively fine hyacinths for winter flowering in the house or for exhibition. The bulbs are all of "top-root" size which in Holland means the pick of the crop. This year we can supply in exhibition size only one variety under each color, those preceded by *

Cultural Directions Free With Each Bulb Order

HYACINTHS

FRENCH ROMAN OR CHRISTMAS.

Slender and graceful, about one-half the diameter of ordinary Hyacinths, these French Romans are the earliest bloomers of all fall bulbs, and may be readily grown by the most inexperienced in pots of soil or in water and pebbles.

Each bulb produces several very graceful flower spikes. The delicious perfume, earliness and profusion of bloom have made Roman Hyacinths exceedingly popular. They are so easily grown and so early that if potted early they can be brought into flower in November and December, and a succession can be had in bloom throughout the winter and early spring. For cutting purposes the Roman Hyacinth is one of the finest bulbs grown.

Plant six bulbs in a 6-inch pot, water well and set away in cool, dark place for four to six weeks, then bring into a light, warm room, keep well watered, and they will make quick growth and bloom profusely.

If you only knew how nice these are you would want a dozen pots of them. They can also be planted out of doors. If you do not care to force them, plant in the garden, and when in bud and bloom, dig up, bulbs and all, and place in pots or dishes for table decoration. They will last for several weeks. Roman Hyacinths are imported by the million from France. Plant lots of them, they are inexpensive. **White, Pink or Blue.**

Choice first size bulbs, each 6c; doz., 65c; 100, \$5.00.



NARCISSUS

PAPER WHITE GRANDIFLORA.

Pure white, beautiful, free-flowering, deliciously sweet-scented flowers, of the easiest culture; suitable for forcing or for growing in water in the same way as the Chinese Sacred Narcissus. They bear tall spikes of bloom with from 6 to 20 flowers each. They force admirably, and flower freely in dense clusters; will come into bloom as early as December, if potted early. Millions of these are forced by florists for cut flowers. Any one can grow them in the house successfully. Plant one bulb to a 3-inch pot, four to a 6-inch pot. Culture same as Romans above.

Each, 5c; dozen, 50c; 100, \$2.75

FREESIAS

One of the most popular of the winter blooming bulbs. The flowers are white borne in graceful clusters, last a long time and have a delightful fragrance. The bulbs force easily and will come into bloom in January and February in an ordinary greenhouse. They also grow well and bloom freely in an ordinary sitting room if placed near a window and not kept too hot. Plant four or five bulbs in light, rich soil, in a 6-inch pot. Keep in a warm, moist, dark place until the plants are well started. There is danger in watering too freely until the plants are in flower.

Purity Large Bulbs, Doz. 25c; 100, \$1.50



Narcissus (Paper White Grandiflora).

Note.—For the yellow and orange colors see Polyanthus Narcissus, page 8.

TRY 'EM

If you don't try any other bulbs this year, try a dozen each of the above. Only \$1.20 postpaid. You'll get \$5.00 worth of pleasure, sure.

BEAUTIFUL FLOWERING BULBS

No appeal should be necessary for the more extensive planting of flowering bulbs, for of all plants used for the decoration of our houses and gardens, they are the most beautiful and easiest to grow, perfectly hardy and free of insect pests.

To the amateur, who is usually a person with limited time, often with limited means, and still often limited accommodations, bulbs should especially appeal, for by the expenditure of a few dollars and no more accommodations than a window box or a few pots afford, it is possible to have bright flowers the whole winter long.



Narcissus Victoria.

BARRI CONSPICUOUS. A flower of exquisite beauty, unexcelled for cutting; large, broad, spreading perianth; broad, short cup, conspicuously edged bright orange scarlet. Lasts long in water after being cut.

Each, 4c; doz., 35c; 100, \$2.00

EMPEROR. Enormous flowers of a deep golden trumpet and primrose perianth; excellent for forcing.

Each, 6c; doz., 60c; 100, \$3.50

EMPRESS (Bicolor). Pure white perianth and rich yellow trumpet; giant flower; extra fine.

Each, 5c; doz., 50c; 100, \$3.00
Double Nose, each, 6c; doz., 60c; 100, \$4.00

GOLDEN SPUR. Enormous deep yellow trumpet; early and unsurpassed for pots or garden culture.

Each, 5c; doz., 50c; 100, \$3.00. Mam. double nose bulbs, doz., 60c; 100, \$4.00.

MORSFIELDI (King of Daffodils). Large golden yellow trumpet; pure white perianth; a grand variety; forces early.

Each, 5c; doz., 50c; 100, \$3.00

SINGLE NARCISSUS OR DAFFODILS

The Narcissus affords perhaps more pleasure and satisfaction than any other flowering bulb. They may be grown either in or outdoors. They are very beautiful, very hardy, bloom freely, are delicately fragrant, thrive in almost any soil, and last for years without resetting. The bulbs are very cheap. They may be grown in garden beds, among hardy plants in herbaceous borders, or "naturalized," that is, grown as if wild in outlying portions of the lawn or grounds, on terraced slopes and along semi-shaded paths.

The flowers of the different types are beautiful and graceful forms, with a variety of color combinations and many are delightfully fragrant.

NOTE. In describing these flowers we refer to the "trumpet," "crown" or "cup" as the center or funnel-like tube; the "perianth" is the surrounding row of petals or wings.

REMEMBER. Large, well matured Narcissus Bulbs cannot be sold for less money than priced herewith.

VICTORIA. New; large, clear yellow trumpet; beautifully frilled at mouth; perianth creamy white, broad and of good substance; a magnificent flower.

Each, 5c; doz., 50c; 100, \$3.00; Mam. double nose bulbs, doz., 60c; 100, \$4.00.

SIR WATKIN (The Giant Chalice Flower or Big Welchman).—A gigantic variety, having immense, long-stemmed flowers; color a rich, light yellow, with a large, dark cup, tinted with orange.

Each, 6c; doz., 60c; 100, \$3.50

AJAX PRINCEPS. A handsome large variety; perianth white, trumpet clear yellow; very striking and desirable.

Each, 4c; doz. 35c; 100, \$2.25

TRUMPET MAJOR (The old-fashioned Jonquils). Perianth and trumpet golden yellow; very extensively used for bedding or

Each, 5c; doz., 50c; 100, \$3.00

We can show you most of our Flowering Bulbs in natural colors from hand paintings, at our salesrooms. These pictures will help you greatly in your selections.



Alba Plena Odorata.

Poeticus Narcissus

These are among the most beautiful of all spring flowering bulbous plants. The large, single blossoms, 2 to 2½ inches across, are of a snowy whiteness, intensified by the exquisite golden-colored cups, ringed like a pheasant's eye, with red and green. The flowers are gracefully poised on long, stout stems, adapting them for vases. They are especially valuable for garden planting. If allowed to remain undisturbed they thrive, spread and improve every year.

POETICUS (Pheasant's Eye.) (See cut.) Pure white flowers, orange cup, edged with red. Perfectly hardy and should be planted in borders out of doors. Very useful for cut flowers, as they bloom from year to year. Will not force.

Each, 3c; doz., 25c; 100, \$1.25

POETICUS ORNATUS (The Improved Poeticus). Pure white cup, edged with scarlet; much finer in form and earlier than Poeticus. A magnificent cut-flower. Largely used for forcing.

Each, 3c; doz., 35c; 100, \$1.75

Polyanthus Narcissus

The Polyanthus varieties of Narcissus are not only beautiful, but deliciously sweet-scented, and of the easiest culture. Very free flowering, and suitable for forcing indoors or bedding out, continuing long in bloom. They bear tall spikes of bloom, having from six to 24 flowers, each. Try the following varieties in water, same as Chinese Sacred Lilies. You will be more than pleased with results.

Your choice, each, 6c; doz., 60c; 100, \$3.50

GLOIOSA. White, with deep orange cup.

GRAND MONARQUE. White, with primrose-yellow cup.

GRAND SOLEIL D'OR. Yellow, with deep orange cup.

MONT CENIS. White, yellow cup; large and handsome.

PEARL. Mammoth pure white flowers, very desirable.

PAPER WHITE GRANDIFLORA. — See page 6.

Double Narcissus

No collection of Narcissus is complete without the double flowering sorts. They possess a charm peculiarly their own. All are perfectly hardy and are much in demand for cutting.

ALBA PLENA ODORATA (The Double White Poet's Narcissus.) Double, snow-white flowers, exquisitely scented, late-flowering, cannot be forced.

Each, 4c; doz., 35c; 100, \$2.25

GOLDEN PHOENIX. Bright yellow; a fine, showy flower, full and double.

Each, 5c; doz., 40c; 100, \$2.50

ORANGE PHOENIX (Eggs and Bacon). Beautiful double white flowers, with orange center; splendid for pot culture, cutting and garden planting.

Each, 5c; doz., 40c; 100, \$2.50

SILVER (SULPHUR) PHOENIX. Very large flowers; pale creamy white, large, full and double; one of the finest varieties for pot culture, and makes a splendid cut flower.

Each, 5c; doz., 50c; 100, \$3.00

VON SION (The True Double Yellow Daffodil). Rich, golden yellow perianth and trumpet. This is the old favorite, so highly prized in old-fashioned gardens. It is as handsome as ever, and deserves to be planted in quantity where it can remain undisturbed for several years. It will then thrive and bloom in increasing profusion every spring. It is also one of the best winter-flowering and forcing sorts, immense quantities being used for this purpose.

Each, 5c; doz., 50c; 100, \$3.50

VON SION. Double nose bulbs that produce many flowers.

Each, 6c; doz., 60c; 100, \$4.50



Von Sion Narcissus.

JONQUILS

Native of Spain—A Species of Narcissus.

NOTE—Do not ask for Jonquils when you mean Narcissus.

JONQUIL CAMPERNELLE. Single, yellow flowers. Each 3c; doz., 30c; 100, \$2.00

DOUBLE JONQUIL. Very double, deep golden yellow, deliciously fragrant.

Each, 5c; doz., 50c; 100, \$3.00

SINGLE EARLY TULIPS

HOLLAND GROWN, "HIGHEST QUALITY."

No other flower excels the Tulip in beauty of form, brilliancy of color, effective bedding and gorgeous show. They are equally desirable for bedding as well as for pot culture indoors. For outdoor bedding the most brilliant effect can be produced by massing colors which contrast well. Our list of named varieties is very complete, especial care being taken to offer but the choicest sorts. All our bulbs have been picked and should prove of superior size and quality.



Cultural Directions Free with Each Order

TAKE NOTE. The figures 1, 2, 3, etc., following the varieties indicate their earliness of bloom; the 1's flower together, and are the earliest; 2's follow before the 1's are out of bloom, etc. The height is indicated by "D" for dwarf; "M" for medium, and "T" for tall, to aid in arranging flower beds.

AETUS (2D). Brilliant scarlet, fine bold flowers of dwarf habit and very early.

Each, 4c; doz., 35c; 100, \$2.00

BELLE ALLIANCE (Waterloo) (2M). True, large scarlet, sweet-scented flowers; fine forcer and bedder.

Each, 4c; doz., 40c; 100, \$2.75

BRUTUS (2D). Bright, orange crimson, with small golden margin very showy.

Each, 4c; doz., 35c; 100, \$2.25

CHRYSOLOBA (2M). Pure golden yellow, very large and handsome; one of the best; good bedder.

Each, 4c; doz., 35c; 100, \$2.25

COTTAGE MAID (2M). Bright pink feathered with white, base of petals yellow; a charming variety.

Each, 4c; doz., 35c; 100, \$2.00

DUCHESS DE PALMER (2T). Orange scarlet bordered yellow, large effective long-lasting flowers on long stems, very beautiful and desirable for forcing or bedding.

Each, 4c; doz., 35c; 100, \$2.25

COULEUR DE CARDINAL (3T). Brilliant crimson; very fine for forcing and bedding.

Each, 5c; doz., 40c; 100, \$2.75

CRIMSON KING (1M). Brilliant deep crimson; very large and showy; a fine bedding variety. A very popular variety both with florists and gardeners.

Each, 3c; doz., 30c; 100, \$1.75

GOLD FINCH (2M). Pure yellow, sweet-scented; forces easily and early; stands well; a good bedding sort; improvement over Yellow Prince.

Each, 4c; doz., 35c; 100, \$2.25

JOOST VAN VONDEL (2D). Deep cherry red, with white penciling; flowers of the largest size; one of the finest.

Each, 4c; doz., 40c; 100, \$2.50

KING OF THE YELLOWS (1T). Deep golden yellow; fine for forcing; early.

Each, 4c; doz., 40c; 100, \$2.50

KEIZERSKROON (2T). Extra large flower, deep red, with broad, yellow border; effective bedder. Our largest seller and most popular variety.

Each, 4c; doz., 40c; 100, \$2.50

LA REINE (Queen Victoria) (1M). White, slightly rose shaded; extra fine for forcing.

Each, 4c; doz., 35c; 100, \$2.00



Single Early Tulips.

MAAS (1M). Dazzling scarlet; one of the largest; splendid for bedding.

Each, 5c; doz., 50c; 100, \$3.00

MON TRESOR (2M). Deep rich yellow, extra large and finely formed flowers; splendid bedder or forcer.

Each, 4c; doz., 40c; 100, \$2.75

PINK BEAUTY (2T). Rich, glowing cerise-pink, flushed with snowy-white at the base of petals; a magnificent sort of heavy texture, lasting a long time in perfect condition.

Each, 7c; doz., 75c; 100, \$5.00

PRINCE OF AUSTRIA (2T). Orange red, very fragrant, extra fine for forcing and cutting.

Each, 4c; doz., 40c; 100, \$2.50

PRESIDENT LINCOLN (Queen of the Violets) (2T). Clear violet; large flower.

Each, 5c; doz., 50c; 100, \$3.00

PRINCESS MARIANNE (2D). Rosy white; one of the finest for bedding.

Each, 3c; doz., 35c; 100, \$2.00

DAHLIA AND GLADIOLI BULBS—These should not be planted until spring. We grow thousands and our Spring Seed Annual will contain complete price list and descriptions.

SINGLE EARLY TULIPS— Continued

PRINCESS WILHELMINA (2M). (Queen of Pinks). Deep pink, flushed blush white on outer petals, charming flowers, excellent in every way.

Each, 4c; doz., 40c; 100, \$2.50

POTTEBAKKER SCARLET (2M). Bright scarlet.

Each, 5c; doz., 40c; 100, \$2.50

PROSERPINE (1M). Silky carmine rose; forces easily; large flowering variety; very early.

Each, 6c; doz., 60c; 100, \$4.00

QUEEN OF THE NETHERLANDS (2T). Rare; soft rose, flushed white.

Each, 5c; doz., 50c; 100, \$3.00

ROSE GRISDELIN (2D). Beautiful, delicate pink; finest pink tulip in cultivation; a fine flower and good for bedding.

Each, 4c; doz., 35c; 100, \$2.00

THOMAS MOORE (2T). Large; a fine orange; sweet-scented.

Each, 4c; doz., 35c; 100, \$2.00

VERMILION BRILLIANT (1D). A beautiful flower; forces easily and early; one of the largest and finest scarlets.

Each, 6c; doz., 60c; 100, \$4.00

WHITE SWAN (3T). Tall variety; one of the best whites; egg-shaped flower.

Each, 4c; doz., 40c; 100, \$3.00

WHITE HAWK (2M). One of the finest pure white tulips in cultivation for forcing and bedding; flowers snow white, very large and of great substance; stand handling and keep exceedingly well.

Each, 6c; doz., 60c; 100, \$4.00

Finest Single Mixed

This mixture contains all colors and shades, and is very fine for bedding.

Each, 3c; doz., 25c; 100, \$1.75



Parrot Tulip.



Single Tulip.

PARROT TULIPS

These are very curious and remarkable Tulips, belonging to the late or May-Flowering section. The flowers are very large, frequently six or seven inches across, with petals deeply toothed, fringed and twisted in the most striking and fantastic manner, sometimes representing the head and beak of a parrot. The colors are exceedingly brilliant and showy, crimson and yellow, flaked, dashed and feathered with green, gold and scarlet. Fine for bedding and to plant among shrubbery. They grow ten inches high, and always attract attention.

Your choice, each, 4c; doz., 35c; 100, \$2.00

CRAMOISIE BRILLIANT. Beautiful carmine red, large flowers; very fine.

LUTEA MAJOR. Yellow, striped crimson and green.

MARKGRAVE OF BADEN. Golden inside, feathered brilliant scarlet. Purple and green on the outside.

PERFECTA. Yellow, scarlet, green.

FINEST MIXED. A combination of all sorts.
Each, 3c; doz., 25c; 100, \$1.50

PLANT SMALL FRUITS around your garden. What's nicer than delicious fresh fruit, fresh from your garden? See Fruit Department, pages 37 to 46.

SELECTED DOUBLE TULIPS

Double Tulips have massive flowers of brilliant and varied colors, shades and markings, and being double, the flowers last much longer in bloom than single varieties. They flower about ten days later than the single sorts, and are beautifully adapted for beds on the lawn, in the garden and for mingling in clumps of half a dozen or more around the edges of shrubbery. The early sorts (those indicated by a *) do splendidly when grown in pots for winter blooming, but should be forced slower than Single Early Tulips by keeping them cooler.



Double Tulip.

EARLY DOUBLE MIXED. This mixture contains a large and choice assortment of all colors and shades; very suitable for outdoor planting.

Each, 3c; doz., 35c; 100, \$2.00

***COUEONNE D'OR.** Fine yellow, the best double yellow for forcing; strong stem and stands handling well.

Each, 5c; doz., 50c; 100, \$3.00

***IMPERATOR RUBRORUM.** Splendid bright scarlet, yellow base; a large, full flower; a fine tulip for bedding and the finest of all double scarlets for forcing for winter flowers.

Each, 5c; doz., 45c; 100, \$3.00

LUCRETIA. Beautiful rose; one of the finest doubles.

Each, 5c; doz., 50c; 100, \$3.00

LADY PALMERSTON. Beautiful rosy white; large flower.

Each, 4c; doz., 40c; 100, \$2.50

LA CANDEUR. Pure white, very full and double; extensively grown in open beds.

Each, 4c; doz., 40c; 100, \$2.50

***MUBILLO (Albino).** Magnificent blush white, shaded rose, large, full double flowers; the finest double light pink for garden beds and unrivaled for winter flowering, forcing very easily.

Each, 3c; doz., 35c; 100, \$2.50

REX RUBRORUM. Bright, crimson scarlet, superb for bedding; large and showy; a fine companion to the white La Candeur for design bedding, as it flowers at the same time and is the same height; not advised for winter forcing.

Each, 5c; doz., 50c; 100, \$3.00

ROSE BLANCHE. Extra large, pure white; excellent for bedding.

Each, 3c; doz., 35c; 100, \$2.00

***SALVATOR ROSA.** Beautiful deep rose, flamed with blush; a fine, large double flower, suitable for either gardens or forcing.

Each, 5c; doz., 50c; 100, \$3.00

***TOURNESOL, R. & Y.** Splendid, showy tulip, bright scarlet, with broad yellow tips and yellow base; very large double flower. The easiest double tulip to force.

Each, 5c; doz., 50c; 100, \$3.00

***TOURNESOL, YELLOW.** Bright golden yellow, shaded orange; very fine, large and showy flowers; forces well; one of the finest double yellow tulips in cultivation.

Each, 5c; doz., 45c; 100, \$3.00

***VUURBAAK.** Dazzling scarlet, very large double flowers, good for medium early forcing.

Each, 5c; doz., 50c; 100, \$3.00

SINGLE LATE-FLOWERING TULIPS

Also called May-Flowering and Cottage Tulips.

Your Selection of Following, Each, 4c; Doz., 40c; 100, \$2.50.

This beautiful class is becoming more popular each season. They are quite distinct from the early-flowering sorts, coming into bloom two or three weeks later and extend-bloom two or three weeks later.

On account of their extreme hardiness, they are specially adapted for the permanent hardy flower border, clumps or masses, wild gardens, etc. For bedding they are superb, while as cut flowers they are much to be preferred to the earlier type, having long stems with flowers of great substance.

HUTTON D'OR (Golden Beauty) (21 inches).

One of the choicest orange-yellow cup-shaped flowers. The anthers are black and make a striking contrast with the yellow when the flowers are expanded.

GESNERIANA SPATHULATA MAJOR (23 inches). Superb, very large, of an intense brilliant crimson-scarlet with glittering blue-black center. No words or picture can begin to do this Tulip justice. It should be planted in generous quantity.

GESNERIANA LUTEA (24 inches). This fine golden-yellow variety has all the merits of the scarlet sort.

LA MERVEILLE (18 inches). A magnificent variety with very large, artistic, sweet-scented blossoms and of a striking color, being salmony-rose overlaid with orange-red; very effective in beds or borders.

PICOTEE (Maiden's Blush) (24 inches). Pure white, daintily edged with pink, which suffuses the entire flower as it ages; a beautiful cut flower.

6-page pamphlet "How to Plant Bulbs" sent free with bulb order

DARWIN TULIPS

Not too much can be said in praise of this class of tulips, and now that the prices have become so moderate, everyone should plant them. They excel in brilliancy of colors, perfect form of flowers and very tall, strong stems. For splendid effects in borders and planted in small groups amongst shrubs they are unsurpassed. They range from two to three feet in height, and their flowers are massive, weather-resisting and very persistent. They are well adapted for every garden use, particularly for the planting of grass vistas, the approaches to woodland and in shrub beds; their constitution is so strong that grasses cannot choke them, and they will thrive for several years without further attention.

CULTURAL DIRECTIONS SENT FREE WITH EACH ORDER.

PRICES—Your selection of varieties below: Each, 5c; doz., 50c; 100, \$3.50

BARONNE DE LA TONNAYE. Clear, rosy carmine; lighter at edge.

CLARA BUTT. Soft salmon rose, beautiful in color and form.

EUROPE. Bright carmine red, extra fine.

GETCHEEN. Large globular flower, soft blush pink.

LOVELINESS. Lilac rose with white center marked blue, large flower.

MRS. FARNCOMBE SANDERS. Large fiery scarlet.

NOVA WARE. Silvery lilac and white, fine shade.

PRIDE OF HAARLEM. Deep rich rose, shaded crimson violet.

SALMON KING. Salmon rose with whitish centre.

THE SULTAN. Glossy maroon black.

YELLOW INGLEScombe. The nearest to a real yellow in the "Darwins"; a large, perfect flower.

DARWIN MIXED. A choice mixture of all colors.

LA TULIP NOIRE. (Giant Black Tulip). The darkest tulip known; produces large cup-shaped flowers of a lustrous, intense, black maroon on long strong stems; lasts well.
Each, 25c; doz., \$2.50

OLD DUTCH BREEDER TULIPS

This race is becoming very popular on account of the great size of their long-stemmed flowers. The revival of a taste for "Art Colors" bronzes, browns, buffs and other sombre effects, has caused the Breeders to be much sought after. They are late or May flowering garden tulips, even larger than the Darwins, growing 2 to 2½ feet in height—and bearing enormous flowers of ideal form and great substance. The cultural treatment and other data given for the Darwins apply to these.

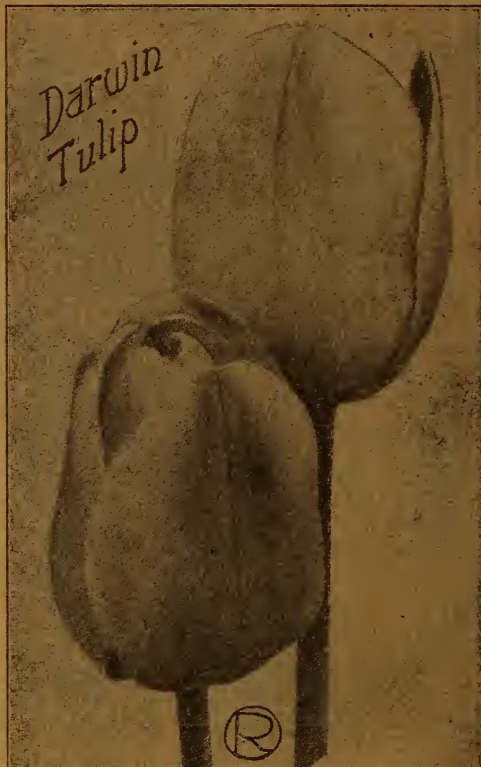
NAMED VARIETIES. Each, 10c; doz. \$1.00

REMBRANDT TULIPS

Late, striped and flamed.

These garden tulips are all hardy, robust, tall growers, producing large perfectly formed flowers of much substance on strong stems varying from 20 inches to 2 feet in length. They are all adapted for permanent positions and are effective grown in groups of a dozen or more in the hardy border. They are really "rectified" Darwins and Breeders, that is, solid colored varieties of these that have broken into stripes, flames, blotches and other variegations. The cultural directions, etc., given for the Darwins apply to these.

Each, 10c; doz., \$1.00



Darwin Tulips.

SCILLAS

Wood Hyacinths and Blue Bells.

SIBERICA (Amoena or Praecox). Most beautiful hardy spring bulbs producing in profusion masses of exquisite rich blue flowers almost before the snow has disappeared. If grown in masses, their flowers fairly carpet the ground; and if grown with Snowdrops and Crocus, for contrast, the effect is magnificent. They should be largely planted as undergrowth in Hyacinth beds, etc. Grown in pots they may be had in bloom from Christmas until April. Large cultivated bulbs.
4 for 10c; doz., 25c; 100, \$1.50

CAMPANULATA (Wood Hyacinth). Flowers borne on tall spikes, 1 to 2 feet high. Each flower measures nearly one inch across and droops gracefully; perfectly hardy; also fine for pot culture. We offer the following colors: Blue, White, Rose or Mixed.
3 for 10c; doz., 30c; 100, \$1.75

NOTICE—We employ NO AGENTS. We sell direct to planters only. We save you money—give quick service and highest quality stock. Read important notice, inside front cover.

CROCUS

These charming little flowers bloom at a time when the ground is destitute of foliage or other flowers. This makes them most welcome, and they should occupy a prominent place in every garden. When planted in borders or beds in one or more colors the effect is striking. No spring display surpasses that of the Crocus. The broad, wavy bands of golden yellow, striped, purple or of pure white, when they expand their blossoms in February and March, are incomparable.

A desirable effect is produced by setting Crocuses here and there over the lawn. It is only necessary to lift the turf and insert the bulbs about two inches deep. They will care for themselves, blooming very early amid the grass, and dying down to the bulb in ample time to be entirely out of the way of the lawn mower. Once planted, they will remain uninjured in the ground and bloom for years.

Plant from October to March, about three inches deep and about two inches apart in beds or borders. Indoor, the Crocus can be easily forced. Plant from six to a dozen bulbs in a shallow pot, keep cool and water well, treating same as Hyacinths.

Mixed Crocus

These separate colors in mixed shades are extensively planted for outdoor beds or borders. Our bulbs are all solid and sound and first size. We have four colors Purple, white, striped, yellow.

MIXED. All colors. Doz., 15c; 100, \$1.00
Doz., 10c; 100, 75c

MAMMOTH YELLOW. These are extra large bulbs that produce many flowers.

First size, doz., 25c; 100, \$1.50
Second size, doz., 20; 100, \$1.25

Named Giant Crocus

For forcing or special work the named Crocus is best. First size bulbs only. Price, doz., 20c; 100, \$1.50.

MONT BLANC. Snowy white.

KING OF THE WHITES. New; pure white, beautiful, large, round-shaped flower; the best of all white Crocuses.

ALBION. Dark violet, striped.

SIR WALTER SCOTT. Large white, striped with lilac.

KING OF THE BLUES. New, large, purple blue.

PURPUREA GRANDIFLORA. Very large purple.

CLOTH OF GOLD. Golden yellow.

IXIAS

The Ixias produce their beautiful flowers in spikes, and are of the most dazzling and brilliant colors and sure to attract great attention. For pot culture in the house they give great satisfaction, being of easy culture and free bloomers. Half a dozen bulbs may be planted in a 5-inch pot, and the display will be magnificent. For open ground culture give them winter protection, with leaves or straw. **Mixed, all colors,**

4 for 10c; doz., 25c; 100, \$1.50

SPARAXIS

The blossoms are very large and open flat, presenting some of the most curious and beautiful combinations of colors to be found. Their exceeding beauty at once captivates all beholders, and it is difficult to find a pot of flowers which will be more generally admired or bloom better than a pot of these fascinating Sparaxis. They require the same treatment as Ixias or Freesias.

Mixed, 4 for 10c; doz., 25c; 100, \$1.75



Crocus.

CHIONODOXA

They produce flower spikes bearing lovely Scilla-like flowers. They are perfectly hardy, and may be planted as an edging to a bed, or in masses; they flower with the Snowdrops and last a long time in perfection.

LUCILLIAE. Bright blue with large, clear white center. Each 3c; doz., 30c; 100, \$2.00



Single Snowdrops.

SNOWDROPS

Galanthus.

The first flower to bloom in the spring, producing small but beautiful white blossoms before other outdoor plants are started. Plant about one inch apart in borders, beds or in clumps in the lawn, setting two or three inches deep. They come up from year to year and need not be disturbed until they become crowded.

SNOWDROP. Double.
Each, 3c; doz., 30c; 100, \$2.25

SNOWDROP ELWESI (Giant Snowdrop).
Single. Each, 3c; doz., 25c; 100, \$1.25

CALLA LILIES

The Calla is one of the best winter flowering plants for room culture, needing little care beyond abundant water and an occasional washing of the leaves to keep them free from dust. Take a 4 or 5-inch pot, fill it with good, rich loam ($\frac{1}{4}$ leaf mould and $\frac{3}{4}$ good garden soil), then put in bulb, cover it one inch, water well and set away in a dark place for three or four weeks. As soon as it starts growing bring to the light, give abundance of water, light and heat and the result will be most satisfactory. After blooming, set the pots away and let them dry out until the following fall.

WHITE CALLA.—The most extensively grown. Bulbs in season from September to May.

Small, 15c; large, 20c to 25c; extra large, 35c

YELLOW ELLIOTIANA.—This new Yellow Calla is of marvelous beauty. Flowers are large, rich, dark golden yellow, often 4 to 5 inches across the mouth; leaves are beautifully spotted with white. A most valuable bulb for planting inside. Bulbs in stock from November to June. (See cut.)
Price, each 30c

Dad's Electric Lantern.

Everyone has use for this wonderful new light. Sure, safe and useful in a thousand ways. Write for descriptive pamphlet.



Yellow Calla Lily.



Chinese Sacred Lily.

CHINESE SACRED LILY

Also called "Shu Sin Far," or Water Fairy Flower. The flowers of this variety of Polyanthus are of a satiny white color, with very fragrant golden yellow cups. The dark green foliage is exceedingly luxuriant and beautiful. It is the sort grown by the Chinese from time immemorial to decorate their sacred temples or joss houses, on their New Year's day. By methods of culture original to them, they succeed in growing large, solid bulbs, which produce a profusion of bloom in an incredibly short time, usually not more than four to six weeks from the time of planting. This splendid flower increases in popularity every year, and immense quantities of bulbs are annually imported into this country.

Culture.—Being partially aquatic, this plant must have plenty of water. If grown in earth, the soil should be light and sandy. Chinese Lilies are usually grown in bowls or dishes of water. Put an inch or two of sand and gravel in the dish in which they are to be grown, set the bulbs on this, and put enough fancy pebbles, gravel or shells around them to keep them from falling over; fill the dish with water and set in a dark closet for a few days, until the roots start freely, then bring them to the light and keep in an ordinary living room. A dozen bulbs started in this way at intervals will give a succession of bloom throughout the winter.

PRICE, Imported bulbs, each, 15c; 4 for 50c

REMEMBER—We prepay charges on all flowering bulbs, etc. Read our new offer—inside front cover. No agents—you get the benefit.

LILY OF THE VALLEY

One of the most charming spring flowering plants, producing in profusion its delicate bell-shaped, delightfully fragrant white flowers. Valleys thrive in any common soil, and will do well in shady situations, where few other plants will succeed. Highly prized for cutting purposes, and exceedingly well adapted for flowering in pots in the winter. Can be forced to bloom in four to six weeks from time of planting. Plant 6 pips to a 6-inch pot.

They are perfectly hardy and most charming planted in beds or borders around the lawn, where they can remain, increase and bloom from year to year. Ready from November to March.

SELECTED PIPS, for forcing indoors or planting outside.

Each, 5c; doz., 50c; 100, \$3.00

NOTE—Higher in price on account of war.

ANEMONES

Very ornamental hardy perennials, producing beautifully colored flowers in spring and summer. They do best in rich soil and in a sheltered and well-drained position. Plant in autumn. May also be grown in pots or forced inside for early flowers.

SINGLE MIXED, each, 3c; doz., 25c. **SINGLE SCARLET, WHITE or BLUE**, each, 4c; doz., 30c.

DOUBLE MIXED, each, 4c; doz., 35c. **DOUBLE SCARLET, WHITE or BLUE**, each, 5c; doz., 40c.

GIANT "ST. BRIGID" ANEMONES. A new and greatly improved Irish race bearing magnificent flowers, double, semi-double and single, 3 to 5 inches across, and of the richest as well as the daintiest colors, marking blendings, etc. The flowers are borne freely on long stems and are extravagantly beautiful when vased, the graceful feathery foliage supplying a charming setting. The tubers planted this fall will flower during the winter in pots in the house, or they may be grown in cold frames for spring blooming or may be planted in the open ground in sheltered locations.

Mixed Colors, Each, 5c; doz., 50c
PULGENS. The rich, dazzling scarlet flowers and light elegant growth render it the most attractive flower of spring. It is valuable for cutting, as it lasts a long time.

Price, 4 for 15c; doz., 40c

SPRING SNOWFLAKE

(*Leucojum Vernum*)

Produces flowers like monster snowdrops, having the delicate fragrance of the Violet; very graceful in growth. It is one of our earliest spring flowers, with white blossoms distinctly tipped green, handsome in outline and prized for bouquets. They should be grown in quantities in the borders or in spots on the edges of shrubbery, where they are beautifully effective, and when established produce enormous quantities of flowers. They can also be slowly forced in pots for winter bloom. Large bulbs.

Each, 4c; doz., 35c; 100, \$2.00

Mansfield, Wash., March 20, 1916.
Routledge Seed & Floral Co.

Dear Sirs: I purchased one of your \$1.00 Bulb Collections last fall and was certainly pleased with it. The Bulbs I used for winter blooming have been fine.

Yours respectfully,

MRS. P. C. THOMSEN.



Lily of the Valley.

RANUNCULUS

Among dwarf flowers these are unrivaled for lovely form and bright, attractive colors, ranging through gorgeous shades of crimson, white, yellow, purple, black, many of them being beautifully marked with other shades. They flower profusely in pots in the house during the winter or if grown in frames in the spring.

DOUBLE TURBAN, MIXED COLORS. Peony-formed flowers, large and early, vivid colors and compactly double.

Each, 4c; doz., 35c; 100, \$2.00

DOUBLE GIANT FRENCH MIXED. Remarkably vigorous growers with immense and gorgeous, loosely double flowers.

Each, 3c; doz., 25c; 100, \$1.50

DOUBLE PERSIAN MIXED. Camellia or rose-shaped flowers, very double, rich variety of colors.

Each, 3c; doz., 25c; 100, \$1.50

CYCLAMEN

For duration of bloom and richness of coloring the Cyclamen is unequalled. The foliage, too, is very beautiful. Plant in 5-inch pots in soil made up of good loam, leaf mould and sand. Keep in a light, airy place with quite a low temperature. Water freely and give plenty of light and air. Never allow the plant to become quite dry, but care must be taken that water does not stand on the plants, or the ground become soggy.

GIGANTEUM, Mixed, Each, 20c; doz., \$2.00
Separate Colors, White, Pink and Red, each, 25c; Doz., \$2.50.

Grape Hyacinths

Muscari Botryoides

A splendid flower for the grass, hardy border, in clumps between shrubs and open bedding. They are so inexpensive that they may be grown in masses, when they produce the best effect. Are also frequently grown in pots for winter flowering and are pretty and interesting.

White or Blue, Doz., 25c; 100, \$1.50

BEAUTIFUL HARDY LILIES

These are the most fragrant, beautiful and stately of all flowers produced from bulbs; they require very little care. Do not disturb them oftener than every three to five years. Plant about six to twelve inches deep, according to size of bulb, and if the ground is not well drained use plenty of sand around the bulb, and lay it on its side. Plant in clusters or groups of six or more for best effect. The Formosa and Longiflorum Lilies force very easily. The Speciosum are, next to the Auratum, the most magnificent species for outdoor culture. They increase in size and beauty each year.



Eastern Lily—Longiflorum.

LILIUM LONGIFLORUM.—More generally known as the "Easter Lily." Thousands are forced by florists for Easter day. Plant one bulb to a 6-inch pot or planted outside they bloom in June or July. Each, 15c; doz., \$1.50; mammoth bulbs, each, 20c; doz., \$2.00.



Auratum Lily.



Candidum Lily.

LILIUM CANDIDUM. This is the ever popular, fragrant, snow-white, hardy garden Lily. The flowers are produced in clusters, at the top of 4 to 5-foot stems; blooms in the open ground in June. A very hardy and popular Lily. (See cut.) Each, 15c; doz., \$1.50; mammoth bulbs, 20c

WASHINGTONIANUM (Mt. Hood Lily). A beautiful lily, native of Oregon; flower of open form; white, tinted with pink; grows 3 to 5 feet high; very fragrant.

Three sizes, 15c, 20c, 25c each

Medical Lake, Wash.
Routledge Seed & Floral Co.

Dear Sirs: I got the lilies all right. They were the largest and best that I have ever had and I have been buying bulbs for the last 20 years. I shall want some Rôses in the spring.

Yours truly,
F. M. LANGLEY.

Lilium Auratum (Gold Banded Lily)

The handsomest and probably the most popular of the Japan Lilies. Its immense ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, shading its edges into white; very fragrant. (See cut.)

Each, 15c; doz., \$1.50; mammoth bulbs, 20c; doz., \$2.00.

AURATUM MACRANTHEUM. One of the most wonderful Lilies in cultivation. The stems attain a height varying from 7 to 10 feet. The flowers are similar in color to Auratum, heavily spotted, but are much larger, the petals more overlapping, and of greatest substance.

Each, 25c; doz., \$2.50

AURATUM PICTUM. A most magnificent flower of same shape and color as Auratum above except that one-half of the gold band on each petal is a bright crimson; very rare and showy.

Each, 25c; doz., \$2.50

AURATUM RUBRUM VITTATUM. Very large flowers, often one foot across, pure ivory-white, with broad crimson stripe through center of each petal.

Each, 40c; doz., \$4.00

SPECIAL OFFER—One bulb each kind on this and the next page, our entire collection (14 bulbs), VALUE \$3.00, ONLY \$2.25 POSTPAID.

Lilies—Continued.

TENUIFOLIUM. The lovely Coral Lily of Siberia. A great beauty. The brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautiful shaded flowers of a very brilliant coral-red. Blooms very early with 12 to 20 flowers per stem. (See cut.)

Each, 15c; doz., \$1.50



Speciosum Rubrum.

Lilium Speciosum

No words can overestimate the brilliant beauty of this charming variety. Its six broad white or pink petals are thickly dotted with rose or carmine spots, and the graceful form, brilliant color, and exquisite fragrance make this one of the most effective and desirable of the lily family. They are profuse bloomers, and last for many days after being cut and put in water. (See cut.)

SPECIOSUM ALBUM. Pure white; flowers freely.

Each, 20c; doz., \$2.00; mammoth bulbs, 25c; doz., \$2.50.

SPECIOSUM RUBRUM. White, with dark rose spots.

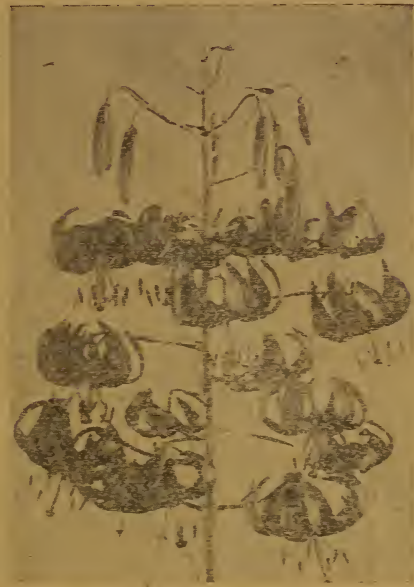
Each, 15c; doz., \$1.50; mammoth bulbs, 20c

SPECIOSUM MAGNIFICUM. A new and rare variety; the finest of all the Speciosums; flowers very large, white, shaded rich blood crimson, heavily spotted; very rich and showy.

Each, 20c; doz., \$2.00; mammoth bulbs, 25c; doz., \$2.50.

HENRYI (The Yellow Speciosum). A splendid new rare Lily from the mountains of China. Destined to be the Lily among Lilies. It is so healthy and sturdy, so hardy and beautiful, so easy to grow, that in time it will be in every garden, as the Tiger Lily is now. It grows, when established, 3 to 5 feet high, each stem producing 5 to 8 large rich apricot yellow flowers, banded with green. (See cut.)

Each, 50c; doz., \$5.00



Tenuifolium—Coral Lily.

Tiger Lilies

TIGRINUM FLORE PLENO (Double Tiger Lily). A magnificent lily of stately habit, bearing immense clusters of large, double flowers; color bright orange, spotted with black.

Each, 15c; doz., \$1.50; mammoth size, 20c; doz., \$2.00.

TIGRINUM SPLENDENS (Improved Single Tiger Lily). Large flowers of excellent form; color orange salmon, with dark spots; hardy and free bloomer.

Each, 10c; doz., \$1.00; mammoth size, each, 15c; doz., \$1.50.



Lilium Henryi

NOTE.—On display at our salesroom we have colored plates of all our lilies, which will give you an excellent idea of just the shape and colors.

IRIS

Magnificent plants for the garden. They bloom profusely and are exceedingly showy and fragrant. The colors are brilliant and cover a wide range of different shades and combinations. In the open ground they are perfectly hardy, increase rapidly and make a magnificent display, either in groups or borders. When the clumps get too large take up in the fall, divide and reset. Plant in the fall or early spring.

Spanish Iris—Iris Hispanica

One of the most satisfactory varieties of Iris to grow, being very hardy and equally good for forcing indoors or garden culture. The flowers are of great beauty, having many different blendings of colors, and if cut when in the bud will last a long time in water. (See cut).

NAMED VARIETIES AS FOLLOWS: Doz.,
25c; 100, \$1.25.

Blanch Superb. Purest White, extra early.
Cajanus. Dark yellow, large flower, fine.
Chrysolora. Clear yellow, early, good.
King of the Blues. Finest blue, fragrant.
La Tendresse. Creamy white standards, orange blotch on falls.

Louise. A large light blue, very choice.
Thunderbolt (Gold Cup). Dark violet bronze, one of the largest.

SUPERFINE MIXED. Doz. 20c; 100, \$1.00

English Iris—Anglica

Beautiful, attractive and worthy of a place in every garden. Their large, peculiarly shaped flowers remind one of the rare orchids. Set the bulbs in clumps three inches apart each way and three inches deep.

Named varieties as follows: Each, 4c; doz.,
40c; 100, \$2.50.

Johnson. White, marbled rose, beautiful.
Laura Davoust. Velvety violet, large, extra.
Lord Nelson. Pale blue, falls shaded yellow.
Mt. Blanc. Pure white, pale yellow band.
Reine Blanche. Pure white, shaded pink.
Wm. Collins. White, flaked red, attractive.

SUPERFINE MIXED, all colors. Each, 3c;
doz., 30c; 100, \$1.50.



English Iris.



Spanish Iris.

Japan Iris—Kaempferi

The Japanese Iris is quite distinct from all others, and never fails to excite the admiration of all who see it. It is becoming more popular each year. The enormous flowers produced in June and July display a marvelous blending of rich and rare shades. They like a rich soil and plenty of water when in bud and flower. We offer a select collection of named varieties, as well as a very fine mixture.

Mixed, good assortment: Each, 15c; doz., \$1.50

SELECT NAMED JAPAN IRIS
YOUR CHOICE EACH, 20c; DOZ., \$2.00

Haker-O-Don. Beautiful, large, six-petaled white.

O-Sho-Kuai. Deep blue, showing darker veins, six petals.

Fu-U No-Sora. A charming pink shading to rose, six petals.

Momiji-Ga-Take. Deep rich blood red, edge of petals lighter, six petals.

Gei-Sho-Ui. Bright red, beautifully frilled, six petals.

Shi-Chu-Ka. Creamy white shaded and edged carmine, six petals.

Kumo-Ubi. Light blue or lavender pencilled yellow to the center.

Ho-Se-Kawa. Rich royal purple, yellow and white markings in the center, six petals.

German Iris—Iris Germanica

The German Iris are among the most desirable and easiest grown of our spring-flowering hardy plants, producing in May their showy flowers of exquisite coloring, combining the richest and most delicate tints.

CHOICE MIXED—All fine varieties.

Each, 7c; Doz., 75c.

Choice named varieties as follows, each 10c; dozen \$1.00.

Florentina Alba. An excellent variety for cutting, and an early bloomer. Flowers ivory white, tinged with lilac.

Honorable. Intense yellow, falls a beautiful bronze.

Mad. Chereau. Pure white, edged with azure blue; falls deep white with blue penciling.

Parisensis. Uprights fine blue, falls deep blue, large and very early, fine companion to Florentina Alba.

NEW GERMAN IRIS.

PRICE, Each 35c; 5 for \$1.50

A splendid collection of the latest introductions, embracing not only new colors but improved forms.

King of Iris. A striking novelty, with flowers of perfect form, the standards clear lemon-color, falls deep satiny-brown, with a broad border of golden yellow.

Lohengrin. Foliage and flowers of gigantic size, the flowers nearly 5 inches deep, with petals 2 inches wide, are of a deep violet-mauve.

Nibelungen. Standards fawn-yellow, falls violet-blue with fawn margin; distinct and pretty.

Pallida Dalmatica. A queen among flowers, grand and stately. Standards lavender; falls clear, deep lavender. Flowers large and extra fine.



German Iris.

Princess Victoria Louise. Standards pure sulphur yellow; falls rich plum color, with cream-colored edges. A new and distinct combination of colors.

Rhein Nixe. Standards pure white, falls deep violet-blue, with white margin; will attain a height of 3 feet, with many-branched stems.

ERANTHUS HYEMALIS

(Winter Aconite). The first flower of the year, often coming before the snow is gone, covering the ground with gilt spangles of flowers as early as February; succeeds in any soil or situation; remains in flower for weeks. Price, doz., 25c; 100, \$1.50

ALLIUM

NEAPOLITANUM. An excellent variety for winter flowering, extensively forced by florists for cut flowers. Its flower stems are 20 inches high, supporting a large cluster of delicate white starry flowers; sure to bloom splendidly in any window. Plant 4 to 6 bulbs in a 5inch pot. Keep in full sunlight and well watered.

Each, 3c; doz., 25c; 100, \$1.25

OXALIS

Charming little half-trailing or bushy plants, particularly adapted for pot culture and hanging baskets; the foliage alone is very attractive, and when in flower they are exceedingly pretty.

Fine Mixed. 2 for 5c; doz., 20c; 100, \$1.75

Bermuda Buttercup. Bears lovely, bright golden flowers all winter.

Each, 4c; doz., 35c



Japan Iris.

Plant more Iris—they increase in size and profusion of flowers each year and are truly beautiful and hardy.

BEAUTIFUL FERNS

A home, no matter how lavishly furnished, is not complete without decorative plants and palms.

The bold, majestic palms and delicate, feathery foliage of the ferns lend a grandeur and magnificence that cannot be obtained in any other way.

OSTRICH PLUME (See cut)—The fronds of this popular variety are the most delicate and plume-like. They are beautiful, full and fluffy, well-grown plants; are truly magnificent and last well in the house. Choice plants, 20c to 35c, post paid; specimen plants in pots, \$1.00 to \$2.00; extra large, \$2.50 to \$3.50.

BOSTON FERN—One of the most beautiful and useful of house plants. It is of easy culture, and its sword-like fronds, in large specimens, attain a length of 3 to 4 feet, produced in a bewildering mass, arching, curving and interlacing in every conceivable direction.

Choice plants, 20c to 35c, post paid; specimen plants in pots, 75c to \$1.00; \$1.50 and up to \$2.50.

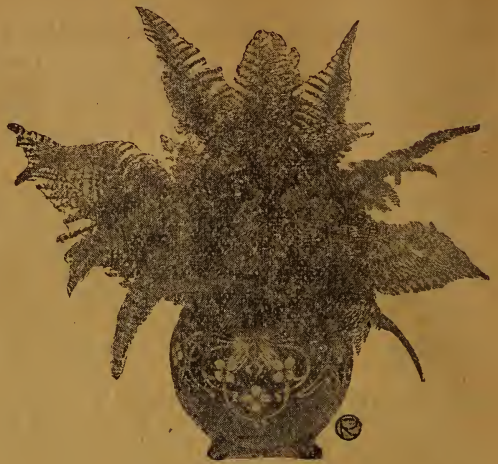
ASPARAGUS SPRENGERI (Emerald Feather) (See cut No. 1)—This is undoubtedly one of the handsomest and most valuable evergreen trailing plants for the house and conservatory ever introduced. It is especially valuable for pots, vases, baskets, etc., covering all with its beautiful sprays of lovely green, feathery foliage; quite hardy and valuable for hanging baskets or porch boxes in summer if given partial shade and plenty of water.

Choice plants, 20c to 30c, post paid; specimen plants in pots, 35c to 75c; extra large pots or baskets, \$1.50 to \$2.50.

ASPARAGUS PLUMOSUS (Climbing Lace Fern) (See cut No. 3)—A finer and more delicate plant than the Sprengeri, but hardy and easily grown. Very satisfactory for window and house culture. An extremely graceful window climber, bright green, feathery foliage, as fine as the finest silk or lace.

Choice plants, 20c to 30c, post paid; specimen plants in pots, 25c to 75c.

MAIDEN HAIR FERN (*Adiantum Cuneatum*)—A very beautiful and graceful fern. Small plants, 20c, post paid; choice plants in pots, 35c and \$1.00 each.



Ostrich Plume Fern

Filled Fern Dishes

These are pretty, popular, fashionable and very desirable for center pieces for the tea or dinner table or as ornamental plants on the sideboard or center tables.

A choice collection of plants in pretty matt green dishes, \$1.50 to \$2.00. In fancy dishes, \$2.00 to \$3.50. (See cut No. 2.)

NOTE—Must go by express; cannot be mailed.

Beautiful Small Ferns

These handsome little ferns are used mostly in filling fern dishes, your choice of the following 20c each; 3 for 50c, post paid.

Aspidium Tsussimense — Without question the most valuable of all ferns yet introduced for fern dishes; of strong but dwarf and graceful habit.

Crytomium Falcatum (The Holly-Leaved Fern.)—One of the most desirable, very hardy and pretty.

Pteris Argylea (Silver Fern)—A very showy fern, with variegated foliage.

Pteris Wilsoni—A very pretty and useful fern; green leaves with the ends very peculiarly crested; beautiful sort for fern dishes.



No. 1, *Asparagus Sprengeri*. No. 2, Filled Fern Dish. No. 3, *Asparagus Plumosus*.

Specimen Plants—These are large, choice, well-shaped plants, growing in pots, and are very beautiful. They cannot be mailed. We wrap and pack carefully and ship by express. Read what we do about prepaying charges—inside front cover.

PALMS AND DECORATIVE POT PLANTS

Every one knows how beautiful palms and decorative plants are, and how much they improve the parlor, hall or dining room. We offer here only the best and most desirable kinds of the easiest culture, but we can supply rare tender specimens if wanted.

Note.—Potted plants cannot be mailed. Read note, bottom page 69.

ARAUCARIA EXCELSIA (Norfolk Island Pine)—

This beautiful plant resembles the pine somewhat in appearance, though much finer in texture; it is particularly adapted to parlor table decoration. It is most unique in appearance, the branches being arranged in neat, symmetrical whorls. They do not require much sun, and are hardy and easily cared for. (See cut No. 5.) Choice plants in pots, 10 to 12 in., \$1.00 to \$1.50; 15 to 18 in., \$2.00; 18 to 24 in. and up, \$2.50 to \$4.00.



No. 4, Aspidistra. 5, Araucaria Excelsior. 6, Kentia Palm.

KENTIA (See cut No. 6) — A beautiful, graceful, handsome-looking, strong-growing palm, with deep green, crisp foliage; inclined to dwarf and spreading habit. One of the most popular for house culture, as they are very hardy, and stand the dry atmosphere. If we could have but one palm, it would be a Kentia. (See cut.) Small plants, 12 to 15 in., 75c to \$1.00, postpaid. Choice plants in pots, 18 to 24 in., \$1.50 to \$2.00; specimen plants, \$5.00 to \$25.00.

ASPIDISTRA (See cut No. 4)—Stately decorative house plant of rapid and hardy growth. The leaves grow quickly from the ground to a height of 18 inches or more. Will stand more gas, dust, cold and heat than any other palm we know of. We have both green and variegated green and white.

Green or Variegated Leaves, fine specimens, in pots, \$1.50 to \$3.00 and up.

PHOENIX ROEBELENI (See cut No. 7)—A new palm. One of the most graceful and the hardiest. The horticultural world has enthused over this beautiful palm. It has

the grace and lightness of *Cocos Weddelliana*, but is more robust in growth and has ten-fold the foliage of that fine variety. Foliage from the ground up, gracefully recurved and spreading in habit. It will be most popular for house decoration.

Choice plants in pots, \$1.00 to \$2.00; specimens, \$2.50 to \$4.00.

RUBBER PLANT (*Ficus Elastica*) (See cut No. 8)—This is certainly one of the best plants grown for decorative purposes. It succeeds well with ordinary treatment. Its glossy, thick, dark-green leaves are not affected by dust or gas.

Choice plants in pots, 12 to 18 in., 75c to \$1.00; 18 to 24 in., \$2.00 to \$2.50.

DRACAENA INDIVISA (Fountain Plant)—

This plant is unsurpassed for hardiness. Leaves graceful, long, narrow and pointed, used extensively for centers in pots, boxes or urns with other plants. Perfectly hardy outside in summer.

Nice plants, 12 to 15 in., 35c to 50c, postpaid; 18 to 24 in., in pots, \$1.00 to \$1.50.



No. 7, Phoenix. 8, Rubber Plant. 9, Cocos Palm.

We carry a full line of standard and new styles. Jardinières, Pots, Japan Tubs, Etc.

COCOS WEDDELIANA

(See cut No. 9) — The most elegant and graceful of all the smaller palms. Its slender, erect stem is freely furnished with its graceful arching leaves of rich green color. Small plants are very desirable for centers in fern dishes.

Choice plants, 12 in., 50c to 75c, postpaid; 15 to 18 in., in pots, \$1.50 to \$2.00. Specimens, \$3.50 to \$5.00.

CANARY BIRDS

Did you ever hear an imported Hartz Mountain Canary Sing? They are the sweetest singers on earth. Bird Catalog free.

HARDY PERENNIAL FLOWERING PLANTS

You Should Plant More Perennials

No class of plants enjoy greater popularity at the present time than the Hardy Perennials. They have made rapid strides into public favor the past few years, until now they may be considered to have a prominent and a permanent place in our American gardens. Beginning almost before the snow is off the ground, early-flowering varieties open their blossoms, as welcome harbingers of spring. Almost every week until late in the fall some new variety bursts forth into entrancing loveliness, blooming so persistently as to almost defy Jack Frost in his efforts to subdue the floral kingdom. A start may be obtained at so small an expenditure as not to be counted when measured with the satisfaction and pleasure derived from them. Once planted they are there to stay, requiring very little care, increasing in size and bloom and growing better from year to year.

VERY LARGE CHOICE PLANTS—LOW PRICES.

This year we are in a position to supply you with the most desirable, new and popular varieties at lower prices than ever. We have 25,000 extra large field-grown plants in the following varieties, also many other kinds which limited catalog space will not permit us to describe.

PRICES THIS YEAR: All perennials unless otherwise priced are 15c each, \$1.50 per dozen, postpaid.

NOTE.—If you wish to pay express or freight charges we will send very large plants and leave more dirt on the roots.



Anemone.

ANEMONE—Japonica. These beautiful Wind-flowers are one of the most important hardy plants. They begin blooming early in August and continue in full beauty until cut down by hard frost. Excellent for bouquets, lasting for days when cut. 2½ to 3 feet.

PRICES, YOUR CHOICE, FOLLOWING 4 KINDS, EACH 15c, 4 FOR 50c.

Prince Henry. Rich pink, semi-double.

Whirlwind. Pure white, semi-double.

Queen Charlotte. Silvery pink, very large, semi-double.

Rubra Superba. Rosy red.

NEW GIANT FLOWERED VARIETIES,
20c EACH, 4 FOR 70c.

Géante Blanche. Mammoth pure white.

Loreley. Cup shaped, bright silvery mauve pink, rich and rare.

Kriemhilde. Semi-double, 4 inch flowers, petals long, narrow and closely set. Beautiful rose pink.

Alce. Silvery rose, shaded carmine. Quite full, very beautiful.

ARABIS—Rock Cross. One of the most desirable of the very early spring flowering plants for edging and the rock garden. Forms a dense carpet, completely covered with pure white flowers. 6 inches.

ALYSSUM—Gold Dust. (Sexatile Compactum.)—Large heads of golden yellow flowers in May and June; silvery foliage; fine for rockeries; 6 inches.

AQUILEGIAS or Columbines—The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising two feet or more above the beautifully divided foliage, and are highly prized for cutting; June to September.

Separate Colors (about 90 per cent true). Violet blue, golden yellow, white or rose pink. Each, 20c; doz., \$2.00



Aquilegia, Rose Queen.

BELLIS PERENNIS—English Daisy.

Giganteum.—Improved, double, large flowering; fine for edging or borders. Flowers extra fine. 2 inches across. Double white or pink. Each 20c; doz. \$2.00

Double—Red or white. Each 10c; doz., \$1.00

NOTE—New parcel post rates now enable us to send this class of plants by mail at prices quoted. These plants are perfectly hardy and will bloom nicely the first season.

Hardy Perennial Flowering Plants—Continued

PRICES—All varieties, strong, field-grown plants, 15c each, \$1.50 dozen, unless otherwise priced. Largest plants always sent when ordered by express or freight.



Canterbury Bells

CAMPANULAE—or Bellflowers. Indispensable hardy garden flowers, of much variety of form, some being of tall and imposing habit, while others are dwarf, compact little plants suitable for edging, rock work, etc.

Perricifolia (Peach Bells).—Large bell shaped flowers during June and July. 3 feet. Blue or white.

Medium Calycanthema (Cup and Saucer Canterbury Bells).—A beautiful form of this favorite flower. Blue, Rose, White or Mixed.

Gigantea Moerheimi.—A grand sort with long stems of pure white double camellia-like flowers, 2 to 2½ inches in diameter; in bloom from the middle of May until late in July. 2 to 3 feet.

Coreopsis

Lanceolata Grandiflora. Popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and autumn; it succeeds everywhere; 1½ feet. (See cut.)

DAISY—See "Bellis" for English, also "D" for Shasta Daisy

DICENTRA—Bleeding Heart.

Spectabilis. An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. Perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. (See cut.) Each, 25c

Delphinium

(See cut, page 24.)

Hardy Larkspur. These are deservedly one of the most popular subjects in the hardy border, bold, attractive and highly prepossessing plants of easiest culture; perfectly hardy; 3 feet.

Hybrids. Each, 15c; doz., \$1.50

CHOICE NAMED VARIETIES.

Full Collection. 6 kinds \$1.50

Belladonna. A free and continuous bloomer; flowers clear turquoise blue; very beautiful. Each, 20c; doz., \$2.00

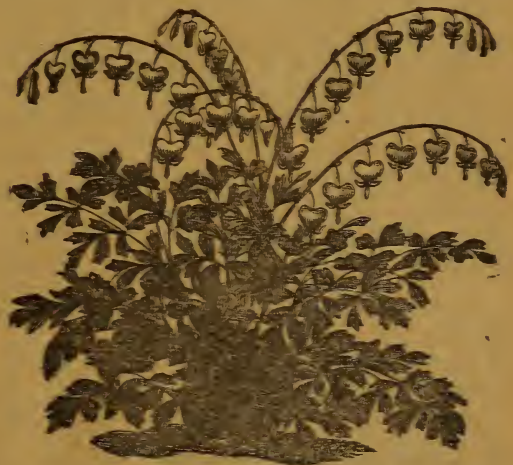
Carmen. Flowers very large and semi-double; of a deep blue; center rosy plum. Each, 25c

Duke of Connaught. Very attractive, rich ox-ford-blue, with a bold white eye. Each, 25c

Formosum. Dark blue; white center; an old favorite; 3 to 4 ft. high. Each, 20c

King of Delphiniums. New and distinct; giant, semi-double flowers on strong stems; deep blue, white center. Each, 40c

Moerheimi. A new and continuous bloomer; pure white. Each, 35c
3 feet. June. Each, 25c; doz., \$2.50
ing. June to October. Mixed.



Dicentra—Bleeding Heart.

Sherwood, Ore.

Routledge Seed & Floral Co.

Gentlemen: I am more than pleased over the Roses I received of you last year, and they are blossoming fine, and I am sending in another order for roses, the rose trees and bushes. Thanking you for attending my order so perfect.

Yours truly,
MRS. ABBE PETERS.

Annual Flowering Plants.—During April and May we have thousands of Plants for porch boxes, beds and border. See Spring Seed Catalog.



Delphinium (Plant and Flower Spike.)

DIGITALIS—Foxglove. Old-fashioned, hardy, desirable plants with broad foliage and showy flowers borne on spikes. June and July 3 to 4 feet. Mixed colors.

Montrosa (Giant Foxglove). Handsome, variously colored flowers in spikes surmounted with one large, saucer-shaped terminal flower. Each, 25c

DORONICUM—Leopards Bane. One of the most effective early flowering perennials. Very large, rich yellow single flowers with long stems during May, June and July; 2 feet. Often called Yellow Marguerite.

EULALIA

Japonica Variegata. A very ornamental variety; long, narrow leaves, striped green, white and often pink or yellow.

Small plants 15c to 25c; clumps 50c to 75c ea

FORGOT-ME-NOT—Myosotis

Palustris. A variety that is hardly ever out of flower; useful in a shady spot in the border.

Gaillardia—Blanket Flower

Grandiflora. One of the showiest of perennials. Rich and pleasing flowers ranging from red to yellow around a dark maroon center; excellent for cutting; 3 feet; June to frost.

Gypsophila—Baby's Breath

Paniculata. Minute white flowers borne in enormous quantity in open panicles during summer months. Be sure and have a few plants of this for cutting, as it works up beautifully in bouquets of other flowers; 3 feet.

Paniculata Fl. Pl. New. Delicate double white flowers. Very pretty. Each, 25c

HOLLYHOCKS.—Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery they are invaluable. The flowers form perfect rosettes of the most lovely shades of color. We offer strong plants, which will flower this season. Separate or mixed colors.

HELIANTHUS—Hardy Sunflowers.

Multiflorus Fl. Pl. Large, double, golden-yellow flowers in great profusion during July and August; 4 feet.

Sparsifolius. Gracefully formed single variety, large, deep yellow color, long stems; splendid for cutting; August to September; 6 feet.

HYPERICUM—St. John's-wort.

Moserianum (Gold Flower.) Of drooping, trailing nature. Fine for rockeries, etc. Free flowering. Rich golden-yellow. June to frost. Each, 15c; large plants, 25c

IBERIS—Hardy Candytuft.

Sempervirens. Most desirable dwarf plants with evergreen foliage, which is completely hidden with dense heads of white flowers early in the spring.

LUPINUS—Lupine.

Polyphyllus. An effective plant, producing large, long spikes of blue flowers. June. Each, 20c; doz., \$2.00

Moerheimi Roseum. A very pretty variety with rosy-pink flowers. Very effective; 3 feet. June. Each, 25c; doz., \$2.50

Poppy

Nudicaule (Iceland Poppy.) A beautiful race and among the most desirable of our herbaceous plants. The plant forms tufts of fern-like foliage, from among which the slender flowers-stalks rise to about a foot in height and bear fragrant, cup-shaped flowers of white, yellow and orange-scarlet. The profusion of bloom is astonishing. June to October. Mixed.

Orientalis. Bright red with a black blotch at the base of each petal. June to July.

Oriental, Salmon Queen. Beautiful salmon pink. Each, 20c; doz., \$2.00



Iceland Poppy.

Hardy Perennial Flowering Plants—Continued

REMEMBER: All prices of above stock is 15c each, \$1.50 dozen (unless otherwise priced) and is for large 2-year, field-grown clumps, that will bloom profusely the first season.



Phlox Decussata.

Pampas Grass

Gynerium Argenteum. A noble ornamental grass, easily grown, producing long, narrow pointed leaves and majestic, silvery white plumes, which are very valuable for winter decoration. Grows 6 to 8 feet high. Young plants 25c; strong roots, 35c to \$1.00; large specimen plants, \$1.50 to \$2.50 up.

PINKS—Dianthus.

Plumaris. Bearing sweet clove-scented flowers in the greatest profusion during May and June. Indispensable for the hardy border and for cutting. 1 foot. Finest. Mixed or Double White.

Primulus—Primrose

The hardy primroses are among the most beautiful and interesting of our early spring flowers. (See cut.)

Voris (English Cowslip). The richest shades, from pure yellow to the deepest crimson maroon.

Vulgarus. Canary yellow, very early and fragrant.

PHLOX HARDY—

Subulata (Moss, or Mountain Pink). An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves. White, Pink or Lavender.

Each, 15c

Amoena.—Best for carpeting the ground, the rockery or the border; it grows but 4 inches high, and in spring is a sheet of rich, bright pink flowers.

Each, 15c; doz., \$1.50

PHLOX—Continued

Phlox

Decussata. Among the hardy perennial plants no class is of more importance than the Phloxes, succeeding in almost any soil and position, and flowering through a long season. Excellent for cutting and decorating or for mass effects. Keep well in water.

NEW AND EXTRA SELECTED VARIETIES

—Rare and rich shades and flowers of largest and best types, very choice. Prices:

Each, 20c; doz., \$2.00; one plant each variety (8), for only \$1.25 postpaid.

Antonin Mercie. Large panicals bluish lilac, white halo.

Bridesmaid. Pure white, with large pink eye.

Von Lassburg. Splendid pure white, very large.

Vesuvius. Pure red, with bright purple eye, a dazzling color.

Goliath. Bright crimson, handsome, large flowers.

Mrs. Jenkins. Immense panicals of large, white flowers. Fine for massing.

Gruppenkoenigin. Beautiful salmon.

Gen. Von Hentsz. Brilliant salmon red, white eye, large.

CHOICE NAMED VARIETIES OF REAL MERIT. Each, 15c; doz., \$1.50. Special—One each in this collection of 6 for 70c postpaid.

Mrs. Lingard. Pure white, early and continuous bloomer.

Coquelicot. A fine pure scarlet, crimson eye.

Champs Elysee. Bright rose, majestic, very effective.

Eugene Danzanvillier. Lilac shading to white. Free bloomer.

Obergartner Wittig. Bright magenta, crimson eye, large, fine flower.

Geo. Strohlein. Bright scarlet, extra.



Primulus.

REMEMBER—We prepay charges at 15c each, \$1.50 dozen (unless otherwise priced). Plants are large, 2-year, field-grown clumps, that will bloom profusely the first season.

Roseburg, Ore., March 28, 1916.

Routledge Seed & Floral Co.

Dear Sirs: Plants received yesterday and am very much pleased. They are very nice. Some day I expect to see your place of business.

Respectfully,

MRS. E. C. HERRICK.

RUDBECKIA—Cone-flower.

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

Lanceatus (Golden Glow). Flowers beautiful golden-yellow; very double. Marvelous continuity of bloom from June till late fall; 6 to 8 feet.

SAXIFRAGAS—

Umbrosa (London Pride). A low-growing, spreading sort, throwing up stems a foot high of pretty pink flowers in dainty clusters. Small, dark evergreen leaves, a fine border plant or for rockeries.

Shasta Daisy—Burbank

Chrysanthemum Leucanthemum Daisy. Very large daisy-like flowers, often measuring 4 to 5 inches across, having three or more rows of petals of the purest white. Flowers produced in great profusion on long strong stems. Very popular; 2 to 3 feet.
Each, 10c, 15c and 20c



Tritoma.

Tritoma—Red-Hot Poker

The early, free and continuous blooming qualities of the newer varieties have made Tritomas one of the great bedding plants; 3 to 4 feet flower spike.

VIOLETS

California. Single. Very showy and beautiful. Each, 15c; doz. \$1.50

Double Russian. Flowers double of gigantic size; color, a very rich shade of blue, and extremely fragrant. Each, 15c; doz. \$1.50

Small Plants, single or double and blue or white. 10c each; \$1.00 per dozen

WALLFLOWERS

The old favorite fragrant Wallflower. Yellow, Red, or Mixed Colors. Each, 15c; doz. \$1.50

YUCCA (E).—Adam's Needle.

A stately foliage and flowering plant equally imposing in solitary or group plantings, always conspicuous. The broad sword-like foliage is evergreen; while midsummer shows great erect branching stems bearing a showy display of pendant, creamy white bells.

1-year plants, 8 to 10-inch, 20c each, \$2.00 dozen; 2-year and up, 35c to 50c; 15 to 24-inch, 75c to \$1.00; specimen plants, \$1.50 to \$3.00.



Shasta Daisy.

Terrebonne, Ore., November 23, 1915.

Routledge Seed & Floral Co.

Dear Sirs: The trees we got from you a few years ago were very satisfactory, so we may try more from you. We want your large catalog, please.

Very truly,

MRS. P. E. LEWIS.

CANARY BIRDS, PARROTS, RABBITS, PETS, CAGES, ETC.

This department of our business is rapidly increasing and we now publish a large illustrated and descriptive catalog that we will gladly mail to anyone interested. Send postal request today.

INDEX TO OUR TWO-YEAR-OLD ROSES

On this page we give an alphabetical list of all the roses we have to offer in two-year-old sizes together with the prices of same and the pages in our catalog on which they are described. Remember that our two-year-old roses are field grown, with strong, heavy branches and ample roots, and with good care will produce a profusion of flowers the first year.

Name.		Page.		Prices.		Name.		Page.		Prices.	
American Beauty	.....	30		\$.35	\$.50	Mme. Adfred Carrier (Clb)	35		.35	.50
American Pillar	.....	36		.35	.50	Madame Caroline Testout	29		.25	to .50
Augustus Hartman	.....	33			1.00	Madame Edouard Herriott	34			1.00
Avoca	.....	31		.35	.50	Madame Leon Pain	29		.35	.50
Baroness Rothchild	.....	29		.35	.50	Madame Maurice de Luze	29		.40	.50
Blanch Moreau	.....	36			.35	Madame Melanie Soupert	33		.40	.50
British Queen	.....	23		.50	.60	Mme. Ravery (see Mrs. F. Brag)	31			
Chateau de clos Vougeot	.....	31		.50	.60	Madame Segond Webber	29		.40	.50
Chapeau de Napoleon	.....	36			.35	Maman Cochet	30		.35	.50
Clb. Caroline Testout	.....	35		.40	.50	Mme. Cecile Brunner	30		.35	.50
Clb. Kaiserin	.....	33		.35	.50	Marechal Neil (Clb.)	35		.35	to .75
Clb. Richmond	.....	35		.40	.50	Marie Van Houtte	32		.35	.50
Clb. Meteor	.....	35		.35	.50	Marquis de Sinety	32		.50	.60
Clb. Mme. Cecile Brunner	.....	35		.35	.50	Melody	32		.60	.75
Clb. Papa Gontier	.....	35		.50	.60	Mildred Grant	28		.40	.50
Clb. Safrano	.....	35		.35	.50	Miss Cynthia Forde	30		.60	.75
Clb. Wooton	.....	35		.35	.50	Miss Alice De Rothchild	32		.60	.75
Clb. White Cochet	.....	35		.40	.50	Moss Roses	36			.35
Coronation	.....	29			1.00	Mrs. A. Waddell	34		.35	.50
Crimson Rambler	.....	36				Mrs. Aaron Ward	34		.50	.60
Dorothy Page Roberts	.....	33		.50	.60	Mrs. Frank Bray	33		.50	.60
Dorothy Perkins	.....	36		.25	to .50	Mrs. Foley Hobbs	28		.50	.60
Duchess of Wellington	.....	32			.60	Mrs. Muir Maclean	31		.50	.60
Duchess of Sutherland	.....	27			.75	My Maryland	34		.35	.50
Edward Mawley	.....	31		.50	.60	Ophelia	28			.75
Eugene Verdier	.....	36			.35	Old Gold	34			1.00
Flower of Fairfield	.....	36		.25	.50	Papa Gontier	30		.35	.50
Florence Pemberton	.....	28		.35	.50	Paul Neyron	30			.35
Frau Karl Druschki	.....	28		.25	to .50	Pink Frau Karl Druschki	30		.60	.75
General McArthur	.....	30		.35	.50	Perle Des Jardines	32		.35	.50
General Jacqueminot	.....	30		.25	.50	Perle D'Or, Poly	32		.35	.50
Goeffrey Kenslow	.....	33		.50	.60	Prince Camille de Rohan	31		.35	.50
George Dickson	.....	31			.75	Pillar of Gold	35		.40	
Glorie de Dijon (Clb.)	.....	35		.40	.50	Rayon d'Or	32		.60	.75
Henrich Munch (See Pink Druschki)	.....	28				Reine Marie Henriette (Clb.)	35		.35	.50
Hiawatha	.....	36		.35		Rhea Reid	30		.35	.50
His Majesty	.....	31		.40	.50	Richmond	30		.25	to .50
Hugh Dickson	.....	31		.35	.50	Safrano	32		.35	.50
Irish Elegans	.....	33			.50	Silver Moon	35		.40	.50
Irish Fireflame	.....	33			.60	Shower of Gold (Clb.)	35		.35	.50
J. B. Clark	.....	30		.35	.50	Sunburst	32		.50	.60
Jonkeer J. L. Mock	.....	33		.40	.50	Tausendschon — Thousand Beauties	36		.35	.50
Joseph Hill	.....	29		.40	.50	Tree Roses	34		1.00	1.50
Juliet	.....	33		.35	.50	Ulrich Brunner	30		.25	to .50
Kaiserin Aug. Victoria	.....	28		.25	to .50	White Dorothy	36		.35	.50
Killarney	.....	29		.35		White Killarney	28		.35	.50
King George	.....	31			.60	White Rambler	36			
Lady Ashtown	.....	29		.50	.60	White Maman Cochet	28		.35	.50
Lady Hillington	.....	32		.50	.60	Weeping Tree Roses	34		1.50	2.00
Lady Ursula	.....	29		.40	.50	Winnie Davis	30		.35	.50
La France	.....	29		.25	to .50	Willowmere	34		.75	.85
Lyon	.....	33		.50	.60	Yellow Rambler	36		.25	to .50
Mabel Drew	.....	32			.60					

DOZEN PRICES.—We give you our 35c selected two-year-old Bushes at \$3.00 doz.; our 40c and 50c extra selected at \$4.00 doz. On higher priced kinds multiply the single price by 10 to get the dozen price. We can supply the ordinary grade of 25c bushes at \$2.50 doz.

SPECIAL—All rose bushes sent PREPAID this year as we are employing NO AGENTS—see note inside front cover—(Tree roses are not mailable.)

SHIPPING AND DELIVERY.

We can fill orders for our large two-year-old rose bushes any time from October to May—the best time is during favorable weather in November, December, January, February and March.

SHOULD BUSHES ARRIVE VERY DRY, bury tops and all in damp ground or put in a tub of water for a few days. It will benefit them very much.

WE PRUNE THE TOPS of all bushes sent by mail as they carry better. If all rose bushes when set out were cut back to within 10 or 12 inches of the ground, results would be better than when tops are left on.

TRUE TO NAME—We guarantee all roses true to label to the extent that we will replace FREE OF CHARGE any that may prove otherwise. If the varieties of the roses ordered cannot be supplied or bought locally, others equally as good or better and correctly labeled will be substituted, UNLESS OTHERWISE ORDERED.

For your convenience—Classification under colors

Read this—This year we have arranged our roses all under their predominating color, which appeals to us as the most convenient way. While the descriptions are necessarily short on account of limited space, you will get class, color and main points of merit. We have tried to eliminate all out-of-date and inferior sorts. If you want roses for hedging or special beds for certain effects, we will gladly make selections for you or give you our opinion.

NOTE—Alphabetical Index of all varieties with prices on preceding page.

White Roses

BRITISH QUEEN (H. T.). Pure white, large full flowers of exquisite form, opening freely in all weathers; promises to be one of the best white roses for bedding and cutting. Surpassing "Druschki" in beauty of form and purity. Each, 50c and 60c

FEAU KARL DRUSCHKI (H. P.) This magnificent variety has taken first prize at all the great flower shows in Europe and America, and is undoubtedly one of the grandest, hardy, pure-white roses ever introduced. Makes splendid buds and immense flowers; vigorous grower, and a constant and abundant bloomer. A splendid variety for hedges. Each, 25c, 35c and 50c

MRS. FOLEY HOBBS (T.).—A veritable giant among Tea Roses. The huge thick shell-shaped petals produce a bloom of grand size and build, while the length of stems are remarkable. Color delicate ivory white delicately tinged pink on edge of petals. Deliciously scented. A grand bedding rose. Gold Medal N. R. S. Each, 50c and 60c

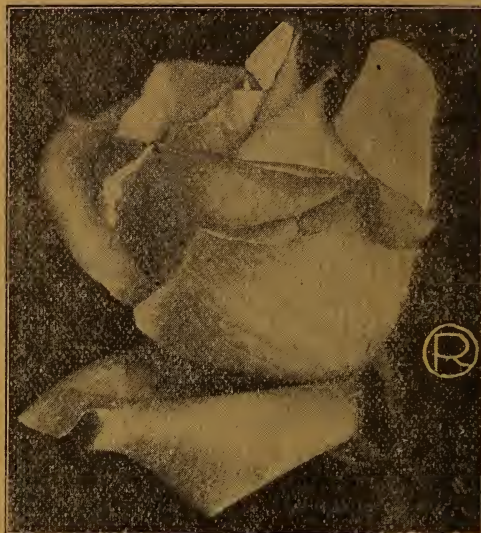
WHITE KILLARNEY.—A vigorous hybrid tea of recent introduction. Its long, pointed buds, excellent substance and delicious odor recommend it to every lover of the rose. Color, white, lightly suffused with pale pink. Each, 35c and 50c

White Showing Some Cream or Pink

FLORENCE PEMBERTON (H. T.).—Creamy white, suffused pink; the edge of the petals occasionally flushed peach; flowers very large and full, of perfect form; one of the finest roses. Each, 35c and 50c



British Queen.



Mrs. Foley Hobbs (Bud).

KAISERIN AUGUSTA VICTORIA (H. T.).—A beautiful rose, with elegant, large, pointed buds, and very large, full double flowers; color delicate creamy white; deliciously fragrant. The plant is a strong, healthy grower and constant bloomer; one of the choicest and most trustworthy garden roses; very popular. Each, 25c, 35c and 50c

MILDRED GRANT (H. T.).—Moderate, silvery white, shaded peach; blooms large with high pointed center; not a very free grower, but so beautiful that every collection should include it. Each, 40c and 50c

OPHELIA (H. T.).—(Wm. Paul & Son, 1913)—A beautiful new rose of perfect shape, good size, but dainty and exquisite as can be. Creamy white shaded peach or apricot at base of petals, of excellent habit; the flowers, standing up well on long, stiff stems, are produced very freely; a flower that was greatly admired at our 1915 Rose Festival. Each, 75c

WHITE MAMAN COCHET (T.).—The name describes this new rose—pure white, grand substance; immense size, exquisitely fragrant and a free bloomer; buds long and pointed; very popular. Each, 35c and 50c

North Yakima, Wash.,
March 9, 1916.

Routledge Seed & Floral Co.

Gentlemen: My Roses were received in fine order—lovely, large Roots. Am getting them planted today.

If I raise any "Prizes," and I ought to, will write you.

Yours truly,
MRS. W. D. McNAIR.

DOZEN PRICES.—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. Complete alphabetical index page 27. All charges prepaid.

DOZEN PRICES—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. Complete index page 27. All charges prepaid.

Pink

BARONESS ROTHCHILD (H. P.)—Large size, fine globular form; color bright rosy pink. Each 35c and 50c

CORONATION (H. T.)—A strong upright grower. Canes very stout and smooth, being free of thorns and with large handsome leathery foliage. The flowers, which are freely produced, are of immense size and great substance, with abundant petals nicely arranged, the outer ones slightly reflexed. Color, delicate flesh pink shaded to bright shrimp pink. This rose stands in the front rank as an exhibition variety. Gold medal N. R. S. Each, \$1.00

DUCHESS OF SUTHERLAND (H. T.)—Growth erect and vigorous, with large full finely formed flowers on stout canes. Color, warm rosy pink with lemon yellow shadings upon the white at base of petals. Exceedingly sweet scented. A grand exhibition rose raised by Alex. Dickson & Sons. Awarded the gold medal of the National Rose Society of England. One of the most promising new sorts of the year. Each, 75c

JOSEPH HILL (H. T.)—Vigorous; beautiful clear salmon pink. Outside of petals shaded pink, orange and copper; bloom large, full and perfect form. Each, 40c and 50c

KILLARNEY—It mildews so badly we do not recommend it. Use Madame Leon Pain in place of it.

LADY ASHTOWN (H. T.)—Pale Rose du Barri, shaded to yellow at base of petals. Reverse side of petals silvery pink. Large, long pointed buds, opening into a beautifully formed flower. A rare and most beautiful variety. Each, 50c

LA FRANCE (H. T.)—Perhaps no rose is better known or more highly valued than La France; both flowers and buds are of grand size; color a silvery pink; a general favorite. Each 25c, 35c and 50c

LADY URSULA (H. T.)—Truly magnificent, of vigorous, erect growth and free-blooming qualities. Flowers are very large, full and of great substance and perfect form, with high center, from which the petals gracefully reflex; color, a delightful shade of flesh pink; delicately tea-scented. Each, 40c and 50c

MADAME CAROLINE TESTOUT (H. T.)—Probably no rose stands higher in public estimation today than this elegant rose. It is a vigorous, healthy grower and profuse bloomer. Has no equal for massing or hedging. The petals are large, of elegant form, brilliant pink, exquisitely edged and bordered with clear, silvery rose; both flowers and buds are extra large and of very elegant form. Each 25c, 35c and 50c



Lady Ashtown

MADAME LEON PAIN (H. T.)—A most wonderfully beautiful rose. Perfect in outline and form. Salmon-pink overlaid with silvery-white, center yellow, a lovely combination of colors. Similar, but better than Killarney. Each, 35c and 50c

MAD. MAURICE DE LUZE (H. T.)—One of the most satisfactory roses of its color; it has splendid large cupped flowers, with heavy petals of a live, rich, rose-pink, with carmine center, the reverse of the petals shading lighter; a vigorous grower, free-flowering and very fragrant. Each, 40c and 50c

MAD. SECOND WEBBER (H. T.)—A magnificent light rosy salmon. Buds long and pointed that expand into flowers of immense size. In its particular color there is nothing to touch it. It blooms with remarkable persistence, and it is unusual to see an imperfect bud or flower. As a cutting rose it is of premier quality. Each, 40c and 50c

SPECIAL—All rose bushes sent PREPAID this year as we are employing NO AGENTS—Read what we say on this subject inside front cover.

Pink—Continued

MADemoiselle CECILE BRUNNER.—Dwarf Polyanthus. Exquisite little roses, dainty and pointed in the bud, bright salmon pink, showing yellow in the center. Each, 35c and 50c

MAMAN COCHET (T.)—This is one of the most beautiful Tea Roses we list; extensively planted and very popular; the color is a deep, rosy pink, the inner side of petals silvery rose. Each, 35c and 50c

MISS CYNTHIA FORDE (H. T.) (Hugh Dickson).—This rose possesses in a superlative degree the essential points of an ideal garden rose, viz., size, form, brightness, vigor and habit. In color it is a deep brilliant rose-pink, very large, perfectly formed and very full. It is sweetly perfumed and lasts a long time in good condition. Gold medal N. R. S. (See cut.) Each, 60c and 75c

PINK DRUSCHKI (H. P.) Heinrich Munch).—Hails from Europe as the pink Frau Karl Druschki, which it resembles in growth and flower. Rank growing, producing strong canes of great length furnished with massive green foliage. Immense globular flowers of a beautiful silvery-pink color. Of remarkably fine form, with heavy wax-like petals gracefully unfolding into a large fluffy bloom. Winner of several prizes in European rose shows. On account of its size and color this variety will soon gain the same popularity as the famous White Druschki. Each, 60c and 75c

PAUL NEYRON (H. P.)—Deep, shining rose, double and handsomely formed; blooms freely, and is unusually strong and vigor-



Pink Druschki (Heinrich Munch)

ous; the largest variety in existence and one of the most desirable for the garden. Often called and asked for by the name of Cabbage Rose. Each, 35c

WINNIE DAVIS (H. T.)—A fine new American pedigreed rose. Color, rich apricot-pink, shaded to flesh at base of petals. Beautifully formed buds and flowers; very free in growth and bloom. Each, 35c and 50c

Scarlet—Bright Red

AMERICAN BEAUTY (H. P.)—It is a quick grower, constant bloomer, making magnificent buds and large, bold flower; color rich, rosy red, shaded in the most charming manner. Each 35c and 50c

GENERAL McARTHUR (H. T.)—Color, brilliant scarlet; one of the most fragrant of the June scented roses and a true ever-bloomer; a perfect garden rose. Healthy foliage, beautiful buds and most desirable in every way. Don't pass up the "general." Each 35c and 50c

GENERAL JACQUEMINOT (H. P.)—Bright shining crimson scarlet; very rich and velvety; exceedingly brilliant and handsome; one of the best and most desirable for open ground. Each 25c, 35c and 50c

J. B. CLARKE (H. T.)—New Irish variety of great merit, either for garden decoration or for cut flowers. The color is bright scarlet; petals large, shell-shaped and of immense substance; flowers very large, full and perfectly formed; growth vigorous and free-branching habit; flowering freely and continuously from early in summer until late in autumn. Each 35c and 50c

PAPA GONTIER (T.)—Large and semi-double; a vivid cherry red color, shaded yellow; reverse of petals crimson. Prized highly for its beautiful pointed buds. Each 35c and 50c

RHEA REID (H. T.)—A new rose of great merit. Elegant long buds and large flowers of great beauty. Color, a vivid scarlet. Strong and healthy, free bloomer. Each, 35c and 50c

RICHMOND (H. T.)—A splendid new American rose of great merit; strong in growth; splendid foliage and long stems; color a magnificent, rich scarlet-crimson; the most vivid we have yet seen among ever-blooming roses; profuse bloomer. Each 25c, 35c and 50c

ULRICH BRUNNER (H. P.)—This is really a magnificent rose; extra large, bold flowers, full and globular; petals large and of good substance; color rich, glowing crimson, elegantly flamed with scarlet; a good grower and free bloomer. Each 25c, 35c, 50c



Miss Cynthia Ford

DOZEN PRICES.—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. See complete alphabetical index page 27. All charges prepaid.

SPECIAL—All rose bushes sent prepaid this year as we are employing no agents—see notice inside front cover. Alphabetical price list page 27.

Crimson—Deep Red

AVOCA (H. P.)—Brilliant velvety-crimson with large smooth petals and high pointed center; buds very long; flowers of largest size and sweetly perfumed. Awarded gold medal of National Rose Society of England. This is catalogued abroad as a Hybrid Tea; in America it is a Hybrid Perpetual. Each, 35c and 50c

CHATEAU DE CLOS VOUGEOT (H. T.)—A very rich, fiery scarlet shading to deep velvety crimson; immune from black spot and mildew. The flowers are large, full and globular and are borne singly on good stems. It is delightfully fragrant, a prolific and continuous bloomer. Each, 50c and 60c

EDWARD MAWLEY (H. T.)—This fine Irish Rose justly deserves all the praise bestowed upon it in Europe last season. Created a furore at the English Rose Shows. Of grand size and build and a free, continuous bloomer. Color intense crimson scarlet and of velvety texture. Each, 50c and 60c

HUGE DICKSON (H. P.)—Brilliant crimson, shaded scarlet; good size and fine form; petals slightly cupped and reflexed; highly perfumed. Each 35c and 50c

HIS MAJESTY (H. P.)—The *Crimson Frau Karl Druschki*. Another rose classed by some as Hybrid Tea. Dark deep crimson, shaded deep vermilion-crimson towards the edges. The blooms are full, of great size, having wonderful substance and depth of petal, with high pointed center. It is also one of the sweetest perfumed roses in cultivation. Awarded gold medal N. R. S. 1908. A grand all around Red Hybrid. Each, 40c and 50c



His Majesty.



George Dickson

MRS. MUTR MACKEAN (H. T.)—A new rose of special merit. In color it stands unique and quite distinct, bright carmine crimson, without shading; a grand, bold, well-built flower, perfect in shape and form, of the most modern type, extra perpetual flowering. A grand exhibition and garden rose, with a perfect habit of growth, and most attractive and pleasing color; a really superb variety; fragrant. Award by the N. R. S. Each, 50c and 60c

Corvallis, Ore., February 29, 1916.

Routledge Seed & Floral Co.

Gentlemen: The shrubs received all O. K. and I was well pleased with them.

Yours respectfully,

S. C. COLEMAN.

Corvallis, Ore., March 31, 1916.

Routledge Seed & Floral Co.

Gentlemen: The Rose Bushes and Fruit Trees that I received from you last fall are all growing fine.

Yours truly,

MRS. GUS. LEDER.

Dark Red

GEORGE DICKSON (H. T.)—Very strong and vigorous, upright growth, flowers of the largest size; perfect in shape and unique in color, being a velvety blackish crimson with the back of the petals heavily veined with pure crimson maroon. Delightfully scented. Pronounced by all who have seen it to be unequalled to date. Awarded the gold medal by National Rose Society. Each, 75c

KING GEORGE (H. T.)—A new rose of great merit. The color is quite unique amongst Hybrid Tea Roses, being blackish-crimson with deep velvety-violet flush. A striking and brilliant color. The perfume is strong and pleasing. Strong, vigorous growth; large, handsome foliage. Each, 60c

PRINCE CAMILLE DE BOMAN (H. P.)—Very dark, rich, velvety crimson, passing to intense maroon, shaded black; one of the darkest roses and very handsome. Aside from George Dickson we believe it the best of all dark velvety roses. Each, 35c and 50c

Each, 35c and 50c

DOZEN PRICES.—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. Complete alphabetical index page 27. All charges prepaid.

The Best Yellow Roses

DUCHESS OF WELLINGTON (H. T.)—Intense saffron-yellow stained with rich crimson, which, as the flower develops, becomes deep coppery saffron yellow. Delightful fragrance; a great acquisition for garden or decorative purposes. Each, 60c

LADY HILLINGDON (H. T.)—Deep apricot yellow, long and pointed bud, a fine forcing or garden rose, excellent for cutting. Flowers are of good substance, very lasting and foliage handsome and luxuriant. Lady Hillingdon is considered the best decorative rose in its class. This aristocratic beauty is a seedling from Papa Gontier and Madame Hoste. Each, 50c and 60c

MABEL DREW (H. T.) (Dickson & Sons).—A magnificent rose, exquisitely shaped, with smooth, circular petals of great substance, arranged in perfect symmetry. The blooms are large and full. The color is deep cream, passing to intense canary-yellow in the center as the bloom develops, with a delicious perfume and sturdy, vigorous growth. Awarded a gold medal by the National Rose Society. Each, 60c

MARQUISE DE SINETY (H. T.)—Everyone who has seen this beautiful rose is enthusiastic over it. The buds are of a rich yellow-ochre, suffused with carmine; the expanded flower, which is of good size, is fairly double, of perfect cupped shape, and of a rich golden-yellow or Roman ochre, shaded rosy-red, delightfully fragrant. A splendid garden rose for summer blooming; vigorous and hardy. One of the grandest of the new roses. Each, 50c and 60c

MARIE VAN HOUTTE (T.)—Of a fine, straw-yellow color; outer petals washed and shaded with a bright rosy carmine; occasionally the whole flower will be suffused with light pink. Each, 35c and 50c

MELODY (H. T.)—New Irish rose. A magnificent golden yellow hybrid tea. A new product of the famous rosarians, Alexander Dickson & Sons, who describe this wonderful rose as being of a "lovely shade of yellow, deepening to apricot in the center, perfect in form and very double, one of the handsomest yellow roses, and as a garden rose cannot be surpassed. The bush is hardy, vigorous and constantly in bloom. Each, 60c and 75c



Lady Hillingdon.

MISS ALICE DE ROTESCHILD (T.)—Often called bush Marechal Neil. Rich, deep citron-yellow, which intensifies as the bloom expands. The flowers are large, with high, pointed center; the petals charmingly reflex; free and continuous in bloom; deliciously fragrant. The growth is vigorous and upright. Each, 60c and 75c

PERLE D'OR.—Exquisite and dainty. A facsimile of Madam Cecil Brunner in every respect save color—nankeen yellow with a deep orange yellow center. One of the prettiest of small flowered polyantha roses. Each, 35c and 50c

PERLE DES JARDINS (T.)—Beautiful, clear, golden yellow, entirely distinct from any other variety. Each 35c and 50c

RAYON D'OR OR GOLDEN RAYS (H. T.) (Pernet Ducher, 1910.)—A gorgeous new golden-yellow rose. A strong grower, with glossy foliage, which appears immune to the attacks of mildew. Flowers large, of globular form, color beautiful yellow as the buds begin to expand, toning to golden-yellow as they fully develop; a superb rose. Each, 60c and 75c

SAPRANO (T.) Bright apricot yellow, tinged orange and fawn; valued highly for its beautiful buds; very profuse in bloom, and deliciously tea scented; very satisfactory in every way. Each 35c and 50c

SUNBURST (H. T.) This new variety is a veritable giant among yellow roses, throwing up heavy canes clothed with most ornamental foliage and crowned with immense buds and flowers. The buds are very long and of the most beautiful form, opening into a gorgeous colored flower. The color is a rich cadmium yellow shaded orange yellow. Each, 50c and 60c

Gervais, Ore., March 8, 1916.

Routledge Seed & Floral Co.

Gentlemen: I received the Trees and thank you for your prompt service. They are fine Trees.

Thank you for the fine Rose Bush, the Madame Caroline Testout, that you sent with my order last year. It is a beautiful Rose.

Yours truly,
MRS. ALLIE CHOQUETTE.



Sunburst

DOZEN PRICES.—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. See complete alphabetical index page 27. All charges prepaid.

Combinations of Yellow, Orange, Red or Pink

AUGUSTUS HARTMANN (H. T.)

(B. R. Cant & Sons, 1914).—Color brilliant geranium red flushed with orange, sometimes bright cerise, flowers of large size and beautifully formed; nearly all blooms coming perfect, and being carried erect on stout stems makes it an ideal rose for exhibitors and for massing. The growth is strong and sturdy, with deep green leathery foliage, which does not readily mildew. The color is very striking and the variety is perfectly distinct and hardy and perpetual flowering. It obtained the silver medal on many occasions as "the best bloom in the show," and the National Rose Society gold medal at the Botanical Gardens, 1914.

Each, \$1.00

DOROTHY PAGE ROBERTS (H. T.)

Coppery pink, suffused with apricot yellow, very free and profuse bloomer, a delightful garden rose.

Each, 50c and 60c

GEOFFREY HENSLOW (H. T.)—

In the production of this variety we have achieved a marvelous advance in the shade of color so much desired in this class. It is a delightful orange-crimson, of great brilliancy. The blooms are freely produced, and are large, full and of perfect imbricated globular form; the petals are smooth, circular, and of great substance. The growth is vigorous and erect, with charming green foliage. A good exhibition flower and a most valuable addition, the color being so attractive and distinct. Deliciously pure rose perfume. Each, 50c and 60c

IRISH FIREFLAME (Dickson & Sons, 1914.)

—A glorious single-flowering variety, bearing its flowers in clusters of five or more; splendid for cutting in sprays in bud form. These buds are wonderfully rich in coloring, a rich deep orange, splashed with crimson, opening to a large single flower of a satiny old-gold shaded with ochre. Awarded gold medal National Rose Society of England.

Each, 60c

IRISH ELEGANCE.—

Bronze orange in the bud, opening into large single flowers of a lighter shade. Vigorous growing and perpetual blooming. Awarded the gold medal of the National Rose Society in England. As a rose for garden decoration this variety cannot be excelled. Nothing could be a more graceful house decoration than a bunch of these single roses. Very popular in England.

Each, 50c

JONKEER J. L. MOCK (H. T.)—

A magnificent and unique rose. Inside of petals red, outside bright pink. Of fine form, good substance and largest size. A strong, rapid grower and free bloomer. This rose has been awarded eight prizes at the recent European shows.

Each, 40c and 50c



Mad. Melanie Soupert.

JULIET (Wm. Paul & Son, 1910.) This beautiful variety has attracted great attention in England during the past two seasons, and when better known is certain to become as popular with us. It is a most distinct and attractive novelty, with large, perfect flowers. The outside of the petals is old gold, the interior rich rosy-red, changing to deep rose as the flowers expand; of powerful, delicious fragrance; greatly admired.

Each, 35c and 50c

LYON ROSE (H. T.). The flowers are of a superb shrimp pink color, with salmon and chrome yellow shadings, beautiful beyond description; large buds, magnificently formed; petals elegantly formed and large; flowers full, very large and on stiff stems. Bound to become one of the best known varieties.

Each, 50c and 60c

MRS. FRANK BRAY (H. T.) (Dickson & Sons).—

This is a great advance on the lovely and justly esteemed Mme. Ravary, which until now was the best of its color amongst the decorative or garden varieties. Mrs. Frank Bray during its several years' trial has proven immensely superior to its prototype, not only in vigorous growth but also in color, which is a rich deep coppery-cru, developing as the flower opens to a very delicate coppery-fawn with a shading of ivory shell-pink.

Each, 50c and 60c

MAD. MELANIE SOUPERT (H. T.). Vigorous, saffron yellow suffused with carmine and pink, very large, free blooming, and one of the most beautiful and distinct sorts. A great favorite. (See cut.)

Each, 40c and 50c

Some Charge More, But No One Offers Better, Stronger, Healthier, True-to-Name Rose Bushes Than We. See Complete Index and Price List Page 27.

Combinations of Yellow, Orange, Red or Pink—Continued

NOTE—If you want rich color in your yellow and orange roses, protect them from the hot sun or plant in partially shaded places.

MRS. A. WADDELL (H. T.) A lovely new color; deep reddish apricot toned with salmon. Same form as Papa Gontier, but with much longer buds. It is a vigorous grower and constant bloomer, and incidentally a wonderful advance in roses approaching this color. Each, 35c and 50c

MY MARYLAND. The vigorous growing and free blooming habit of this rose is little less than marvelous. The flowers are somewhat globular in form, very full with shell-shaped petals of waxlike texture. The color is a bright glowing pink, each petal being shaded lighter at its base. We knew of no rose which produces fine flowers so freely as does this sort. Very hardy and apparently immune from disease. Each, 35c and 50c

MADAME EDOUARD HERRIOT (Daily Mail Rose).—A grand new French Rose of strong, vigorous growth and spreading branching habit with thorny light green canes beautifully furnished with bright green leaves. The buds are long and painted a deep coral red color shaded to yellow at the base. Opens into a finely formed flower of a rare shade of rosy scarlet flushed with shrimp and apricot tints. One enthusiast describes the colors by saying it is as sunshine on burnished copper. The wonderful coloring is a revelation to all who have seen it. This rose won the much coveted gold cup valued at \$5000 and offered by the London Daily Mail. Each, \$1.00



Mad. Eduard Herriot



Willowmere.

MRS. AARON WARD (H. T.) This rose is a real joy to the grower and absolutely distinct. One of the most delightful roses of recent years in a color that catches the eye at once. Coppery-orange in the open bud, golden-orange when partly developed, pinkish-fawn of lovely shade when fully open, when it looks like a full fluffy-silk rosette. Each, 50c and 60c

OLD GOLD. (McCredy & Son.) This is undoubtedly the most beautiful decorative rose in existence, and the most glorious color that has ever been seen in any rose; the tint is a vivid reddish orange with rich coppery red and coppery apricot shadings. Holds its color well. A gem for cut flowers and all kinds of decorations—the long, dainty buds as well as the open flowers lasting a long time in perfect condition. Its dark coppery foliage forms a delightful contrast; it is sweetly scented; continuous flowering; a good grower; and absolutely mildew proof. Awarded the gold medal of the National Rose Society, 1912. Each, \$1.00

WILLOMERE.—A novelty from the nurseries of Pernet Duchere in France, and who offers it as an improvement upon his famous Lyon Rose, being more vigorous in growth and free in bloom. Long, elegant buds, coral red suffused with carmine, opening into a large full flower of a rich shrimp pink, shaded to yellow at the center. Very rich and striking variety, much admired. Each, 75c and 85c

Standard or Tree Roses

Prices, \$1.00 to \$1.50 each, according to size and shape of head. (Cannot be mailed.)

Tree Roses are budded or grafted on hardy rose stocks, about four feet high.

Not all varieties are obtainable, but order any color or variety you wish, and we will send it or give you as good a substitute in same color as possible.

Weeping Tree Roses

These are produced by budding the trailing varieties on four or five-foot standards. They are very showy and quite a novelty.

Each, \$1.50 to \$2.00 (Cannot be mailed.)

DOZEN PRICES.—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. See complete alphabetical index page 27. All charges prepaid.

Climbing Roses. Hardy, Large Flowering

The lavish profusion of bloom on climbing Roses, literally hundreds of flowers on each plant, their beautiful colors and exquisite fragrance render them unequalled for covering houses, arbors, pergolas, fences and boundary walls. Every home should have a few of these climbing Roses gracing its porches and corners, which will in time reach to second-story windows and bring much enjoyment to their owners, as well as being the admiration of all who see them in bloom.

CLIMBING CAROLINE TESTOUT.—The greatest acquisition to our list of climbing roses for a number of years. Covered during the season with immense globular flowers of the same beautiful shade of pink as seen in the bush sort. Without doubt the finest pink climbing rose to date. Is being planted freely in all Pacific Coast states. Each, 40c and 50c

CLIMBING VINES

Aside from Roses we have many beautiful flowering and ornamental climbing vines. Among the most desirable are Wisterias, Clematis and Honeysuckles. For prices, description, etc., see pages 56 to 58.



CLIMBING KAISERIN (Mrs. Robt. Peary.) Flowers fine ivory white; a grand addition to our list of climbing roses. Each, 35c and 50c

CLIMBING METEOR. Very free flowering. All through the growing season it produces rich, dark, velvety crimson flowers perfectly double. Each, 35c and 50c

CLIMBING PAPA GONTIER.—Same as the old favorite bush Papa Gontier, having the same splendid, cherry-red flowers, but of a strong climbing habit of growth. Each 50c and 60c

CLIMBING RICHMOND.—Very free and vigorous sport of this valuable crimson rose, identical with the original except in habit, should prove one of the best climbing novelties of recent years, both for conservatory and outdoor work. Each, 50c

CLIMBING SAFRANO (Reve d'Or). A strong climber; color orange yellow, or deep saffron; good size; full and sweet. Each, 35c and 50c

CLIMBING WHITE COCHET.—A grand climbing form of the true White Maman Cochet which originated in Australia. The flowers if anything, are even finer than on the bush variety and have the same beautiful form and substance. Very strong grower and a perpetual bloomer. Each, 50c

CLIMBING WOOTTON. A strong and rampant climber, growing in one season to a height of 10 to 15 feet, with large and heavy insect-proof foliage, it produces superbly formed buds and flowers in wonderful profusion. They are bright red, passing to violet-crimson, richly shaded. Each, 35c and 50c

CLIMBING CECILE BRUNNEE.—This beautiful little Polyantna Rose is a rampant climber, growing to a great height in a few years. The flowers are produced in clusters and like the bush variety, are of exquisite form and color, being a rosy pink on a creamy white ground. Flowers are delightfully fragrant and are produced so freely as to simply hide the bush. Each, 35c and 50c

GLOIRE DE DIJON. Noted for the great size of its flowers, its delicate tea scent, and its shades of color, being a blending of amber, carmine and cream; a magnificent climber. Each, 40c and 50c

MADAM ALFRED CARRIERE. Extra large, full flowers; very double and sweet, and a most profuse bloomer; color rich, creamy white, faintly tinged pale yellow. Each, 35c and 50c

MARECHAL NEIL. A magnificent, deep golden yellow variety; so famous as to need no description; grown the world over for its immense yellow flowers; the finest rose of its color in existence. Each, 35c, 50c and 75c

PILLAR OF GOLD. A most vigorous climber; produces large, double buds and flowers of perfect form. Color, rich apricot, shaded with carmine and Indian red. A rare colored variety and very desirable. Each, 40c

REINE MARIE HENRIETTE. Vigorous grower; flowers large, full; color glowing crimson; elegantly shaded. Each, 35c and 50c

SILVER MOON. A magnificent white climber, cross of Wichuriana and Cherokee, large, semi-double blooms of good substance with golden stamens. Flowers are carried on long stems. Foliage is abundant, bronze green and is immune to mildew. Each, 40c and 50c

SHOWER OF GOLD.—A beautiful new climber of the Wichuriana type from the gardens of the famous English rosarian, William Paul. It is of very vigorous growth with dense glossy green foliage. Produces masses of golden yellow flowers in large clusters. Each, 35c and 50c

Note.—For alphabetical and complete index of Roses, see page 27.

RAMBLER OR PILLAR ROSES

The following climbing Roses all grow vigorously, and are profuse bloomers. The flowers are borne in large clusters. They all belong to the polyanthus class, or more commonly known as the Ramblers.

HIAWATHA. It must be seen to be appreciated. Its flowers are about 1½ inches across, and produced in long, pendulous sprays, with frequently from 40 to 50 flowers on a spray; in color it is brilliant ruby carmine with a clear white eye and a mass of golden stamens—a glowing combination of colors, which can be seen at a great distance; of vigorous growth, with bright green, glossy foliage, which is retained until late in fall. Each, 35c and 40c

AMERICAN PILLAR. A single-flowering variety of great beauty, which appeals to everyone. Flowers of large size and a lovely apple blossom pink, with a clear white eye and yellow stamens, borne in immense bunches. They last in perfection a long time, and are followed by brilliant red hips or berries, which are carried late into the winter making it doubly attractive. Each, 35c and 50c

CRIMSON RAMBLER.—A very popular and rapid climber. Each, 25c and 35c

DOROTHY PERKINS. Introduced by a well known American nurseryman, this beautiful new Rambler Rose is becoming even more popular than the original Crimson Rambler. And well it may, for it is indeed a finer pillar rose than that famous variety. The growth of a single season is wonderful, its handsome glossy green foliage being one of its strong points. The flowers, however, are its crowning beauty, being borne in immense clusters of 15 to 30, and possess great lasting qualities. Flowers a beautiful shell-pink, very double with petals artistically crinkled. Remarkably pretty pointed buds. This rose is extremely hardy and will withstand the coldest weather. We advise our friends to plant this variety where it can be allowed plenty of room. Each, 25c, 35c and 50c

FLOWERS OF FAIRFIELD. A perpetual flowering "Crimson Rambler;" this has long been looked for and is undoubtedly one of the most valuable additions to this section since its introduction. The flowers are brighter than the original, and are produced in great profusion from early summer to late autumn; most valuable rose. Each 25c, 35c and 50c



Dorothy Perkins, 30 ft. High, Thousands of Blooms.



One Flower Spray—Flower of Fairfield.

TAUSENDSCHON. Thousand Beauties. Entirely distinct not only in Ramblers, but in climbing roses generally. The individual flowers are very large for this type of rose, being fully 3 inches across, of a most elegant and graceful form, and as beautiful as a semi-double Azalea. A most delightful shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses of from 10 or 15 flowers, each truss a veritable bouquet. It is a rampant grower, very healthy with magnificent foliage. Each 25c, 35c and 50c

WHITE DOROTHY.—As its name indicates, it is a sport from Dorothy Perkins, possessing all the fine qualities of that grand variety, but having pure snow-white flowers. This rose, we believe, will become a fixture in the list of climbing roses. Each, 35c and 50c

YELLOW RAMBLER (Aglai.) Strong grower, profuse bloomer. Each, 25c, 35c and 50c

WHITE RAMBLER (Thalia.) White Dorothy is better.

Moss Roses

Strong, vigorous growers, much admired for moss-covered buds; hardy; most varieties bloom but once in a season, but remain for a long time and very handsome.

Price, 35c each

BLANCH MOREAU. Best pure white.

CHAPEAU DE NAPOLEON. Beautiful pink.

EUGENE VERDIER. Best Red Moss.

DOZEN PRICES.—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. See complete alphabetical index page 27.

FRUIT TREES, BUSHES, VINES AND PLANTS

We are making a specialty of select fruit stock. This branch of our business has made immense growth. Our manager has been in this line of work in Oregon for over 20 years. Aside from large stocks grown for us on contract, we are in close touch with the largest, most reliable and careful growers. We know where the best stock is produced.

We again call your attention to the fact that we are catering to the "Particular Planter," who wants "High Quality," and is willing to pay a price necessary to secure it. Any sensible person knows that "Highest Quality" in stock of any kind is more expensive to produce than common, and therefore is worth more. Our prices are low, quality considered.

SUBSTITUTION

If the varieties of the tree ordered cannot be supplied or bought locally, others equally as good and correctly labeled will be substituted, unless otherwise ordered.



DWARF APPLE TREES—These produce just as large fruit as the standards, but the trees do not grow as large, therefore are very desirable for the planter who has limited space. We can furnish in Dwarf Stock all varieties preceded by a "*" at 35c each; \$3.50 per dozen.

SUMMER VARIETIES.

- ***RED ASTRACHAN.** Medium, deep crimson, flesh white, moderately juicy, with an agreeable rich acid flavor; very productive.
- ***YELLOW TRANSPARENT.** Medium size, roundish, slightly conical; skin pale yellow, flesh tender, juicy, sub-acid; good.

AUTUMN VARIETIES.

- ***GRAVENSTEIN.** Large, beautiful yellow, dashed with deep red and orange; tender and crisp, with a highly aromatic flavor; tree very vigorous; very popular sort.
- ***KING OF TOMKINS COUNTY.** Very large, globular; yellowish, shaded with red; flesh yellowish, rather coarse, juicy, rich flavor.
- ***WEALTHY.** Medium, whitish yellow, shaded with deep red; flesh white, tender and juicy.

WINTER VARIETIES

- ***BALDWIN.** Large, rounded; deep, bright red; very productive; one of the best and most popular winter apples.
- ***DELICIOUS.** A splendid apple; coming into prominence rapidly. Tree vigorous and hardy and the fruit equals the name in every respect. Fine for market and home use; late; keeps till April.
- ***NORTHERN SPY.** Large, round, greenish-yellow, stripes of purplish red; flesh white, juicy, brisk sub-acid; valuable for market and cooking.

WINTER VARIETIES—Continued.

- ***ORTLEY (White Bellflower).** Fruit medium to large, yellow; sometimes with a sunny cheek; flesh white, fine-grained, tender, juicy, sub-acid.
- ***SPITZENBERG.** Large, oblong; yellowish ground with broken stripes of bright red; flesh yellow, juicy with a delicious rich flavor.
- ***WINTER BANANA.** Winter; yellow; bluish cheek; sub-acid; medium size; a good keeper; a handsome apple; fine flavor, tender and delicious.
- ***YELLOW NEWTOWN PIPPIN.** Large, skin smooth, golden yellow; flesh firm, crisp, juicy; one of the standard varieties.
- ***ARKANSAS BLACK.** Dark maroon; long keeper; good.
- ***GRIMES' GOLDEN.** Of the highest quality; large, yellow.
- ***JONATHAN.** Yellow, covered with red stripes.
- ***RHODE ISLAND GREENING.** Greenish yellow; large.
- ***ROME BEAUTY.** Large, yellow, shaded bright red.
- ***WINESAP.** Yellow ground, streaked with red.

Other Varieties—We only catalog the leading kinds, but can supply any standard variety grown in the west.

Other Varieties.—On this and the following pages you will note that we give full description of only a few varieties under each heading. These, we believe, are the best for general or home planting, and you will not miss it by selecting them. We, however, can supply almost any variety grown, whether catalogued or not, so you can order any kind you want.

APPLES

Unless otherwise priced	Each.	Dozen.
One year old, 3 to 4 feet.....	\$.18	\$1.80
One year old, 4 to 6 feet.....	.20	2.00
Two year old, branched.....	.25	2.50
Selected two year.....	30c to 40c	

Write for our low price by 100 or 1000.

CRAB APPLES

Prices the same as Apples on page 35.

GIBBS.—Of superior merit. Large size, flattened on both ends. Color, orange; flesh, yellow; juicy and good. Productive annual bearer. Each 50c and 60c

TRANSCENDENT.—Fruit very large, skin yellow, striped with red; the best of its class for cider.

Yellow Siberian.—Fruit small, golden yellow.

FLORENCE.—Size medium, red striped, early bearer; bearing full crop each year; tree immensely productive; juicy and crisp.

Hyslop.—Large, dark crimson; popular.

APRICOTS

Unless otherwise priced	Each	Doz.
1-year-old, 4 to 6 feet.....	.30	3.00
2-year-old	\$0.35	\$3.50
Selected .....	.50	

MOORPARK.—Very large, yellowish-green; brownish red on the sunny side; flesh bright orange; fine for canning and drying; freestone.

LEWIS.—One of the largest apricots known; handsome in appearance; flavor excellent. If you have room for only one apricot tree, plant the Lewis.

Price, 1-year 60c; 2-year 75c

Royal.—Above medium size; sweet, rich and juicy.

Tilton.—Large, rich color, high flavor; very productive.

CHERRIES

Unless otherwise priced	Each	Doz.
1-year-old, 3 to 4 feet.....	\$0.25	\$2.50
1-year-old, 4 to 6 feet.....	.35	3.50
2-year-old branched .....	.50	5.00
Selected, 2 to 3 year.....	75c to 1.00	

Write for our low prices by 100 or 1000.

BING.—Originated in Oregon; fruit large, dark brown or black; very fine; late; a good shipping variety.

KENTISH (Early Richmond).—Light red, juicy; one of the best acid cherries and unsurpassed for cooking purposes; very productive.

LAMBERT.—Fruit of largest size and of fine quality; color deep, rich red; flesh firm and of fine flavor; a fine market variety; ripens two weeks later than Royal Ann.

MAY DUKE.—Large, rich, dark red; flesh tender, juicy, and sub-acid; an excellent variety, and one of the earliest of its class.

MONTMORENCY.—A beautiful, large, red, acid cherry; larger and finer than Early Richmond, and fully ten days later. Being extraordinarily prolific and very hardy, it can be recommended as a variety of great value. Valuable for canning and preserving. A free grower.

NEW GIANT.—Originator's own True Stock.

No one could wish for a finer flavored Cherry. It is a most desirable variety for all purposes. Fruit extra large, flesh rich, dark red, firm, yet juicy and delicious. Ripens after the Lambert. On account of its lateness it generally escapes the late spring rains that often injure the other main crop varieties. If you can only plant one Cherry Tree, plant a Giant.

Prices—Selected budded trees, 2-year, 50c to 75c; 3-year, \$1.00 to \$1.50; limited number of 4-year specimens, \$2.00 to \$2.50 each.

QUINCE

1-year-old	Each 30c to \$0.40
2-year-old, branched.....	.50
Extra Select .....	.60c to .75

CHAMPION.—Large, yellow; flesh cooks very tender; flavor is most delicious; more productive than the orange, ripening two weeks later.

PINEAPPLE.—The fruit in form and size resembles the Orange Quince, but is smoother and more globular. Makes a superior jelly. Can be eaten raw, and is said to cook as tender in five minutes as the best cooking apple, possessing a most exquisite and delicious flavor, not equaled by any other quince.

1 year 50c; 2 year 75c



LATE DUKE.—Large, light red; late and excellent; sub-acid.

MOLLERS LATE.—This new cherry resembles the Late Duke in color, shape and flavor, but it is a larger and later variety, which makes it very valuable and desirable.

ROYAL ANN (Napoleon Bigarreau).—A magnificent cherry of the largest size; pale yellow, becoming amber in the shade; richly dotted and spotted with deep red, and with a bright red cheek; flesh very firm, juicy and sweet; tree a rapid grower and immense bearer.

PEARS

unless otherwise priced	Each.	Dozen.
One year old, 3 to 4 feet..	\$.25	\$2.50
One year old, 4 to 6 feet..	.30	3.00
Two year, branched.....	.40	4.00
Selected two year	50c	to 75c

DWARF PEAR TREES.—These produce just as large fruit as the standards, but the trees do not grow as large, therefore are very desirable for the planter who has limited space. We can furnish in Dwarf Stock all varieties preceded by a "D" at 35c each; \$3.50 per dozen.

SUMMER VARIETIES

***BARTLETT.**—Large, skin thin, clear, lemon yellow, with soft blush on the sunny side; flesh white, buttery, very juicy and highly flavored; the best summer pear in existence.

CLAPP'S FAVORITE.—Fine-grained and melting.

SECKEL.—Rich and highly flavored; its highly concentrated, spicy, honey flavor is unequalled; skin brownish green, russet brown cheek; flesh whitish, buttery and melting.

AUTUMN AND WINTER VARIETIES

***FLEMISH BEAUTY.**—Large, juicy, rich, very hardy, productive and profitable. September-October.

BEURRE CLAIRGEAU.—Large, yellow, shaded with orange and crimson; covered with russet dots; flesh yellowish, buttery, juicy; October-November.

***BEURRE D'ANJOU.**—A large, fine pear, buttery and melting, with sprightly, vinous flavor; tree a fine grower and good bearer; one of the very best; October-January.

***COMICE.**—A splendid commercial variety, being of fine size; good appearance; ships well; October.



Bartlett.

***FALL BUTTER.**—Favorite fall pear; yellow, smooth and juicy; September.

WINTER BARTLETT.—Originated in Eugene, Oregon. Fruit large, closely resembling the famous Bartlett in shape and appearance, but ripening considerably later; tender, juicy and melting and with a most pleasing flavor.

Price, 50c to 75c

WINTER HELLIS.—Medium; skin yellowish-green, dotted with gray russet; flesh yellowish-white; fine-grained and abounding with juice of a rich saccharine, aromatic flavor; especially adapted to this valley, producing large crops every year; an excellent shipper and good keeper; November-December.

PRUNES

Unless otherwise priced	Each.	Dozen.
1 year old, 4 to 6 feet.....	\$.20	\$2.00
2 year old, branched .....	.25	2.50
Selected 2 year old	35c	to 50c

Write for our low prices by 100 or 1000.

GIANT.—New; of immense size, dark crimson on yellow ground; good yielder; flesh firm, rich, sweet, delicious; good shipper.

HUNGARIAN.—Very large, dark red; juicy and sweet.

ITALIAN (Fallenberg).—Medium, oval, tapering at both ends; dark purple; flesh greenish yellow; separates freely from the stone; best for drying.

SUGAR.—Tree vigorous grower; early bearer; fruit ripens earlier than the French; is four times as large and dries in half the time; flesh tender and rich in sugar; color dark purple; August.

Oroville, Wash., April 23, 1916.

Routledge Seed & Floral Co.

Gentlemen: Your bundle of Berry Vines and Seeds arrived in first class condition. Thanks for your excellent treatment of my tardy order. Expect to need more of your supplies next year.

Respectfully yours,

ANSON W. COBB.



Italian.

PETITE (French).—Small size, egg-shaped; violet purple; sweet, rich and sugary; very productive; standard for drying.

SPRAY PUMPS—We carry in stock a complete and up-to-date line of hand, bucket and barrel spray pumps—see page 61 or our complete catalog, free on request.

PEACHES

Unless otherwise priced	Each	Doz.
1-year-old, 3 to 4 feet.....	\$.18	\$1.80
1-year-old, 4 to 6 feet.....	.20	2.00
2-year-old, branched .....	.25	2.50
Selected 2-year-old ...	.35c to .50	

Write for our low prices by 100 or 1000.

EARLY CRAWFORD.—Very large, yellow; with red cheek; flesh sweet and excellent; our most popular peach for table and canning; freestone.

ALBERTA.—Very large, bright yellow, red cheek; flesh yellow, juicy, sweet; regular bearer; fruit very showy and perfect; freestone; early.

EARLY CHARLOTTE.—An improved seedling from Early Crawford, originated at Salem, Ore. This remarkable peach succeeds in Oregon, where many other varieties fail. Flesh yellow, melting and juicy, with a rich and excellent flavor; freestone; ripens ten days after Crawford's Early.

LATE CRAWFORD.—Very large, roundish; yellow, with dark red cheeks; flesh deep yellow, juicy and melting; flavor rich and excellent; very popular; valuable for canning and drying; freestone; September.

GOLDEN CLING.—Good size, round; skin yellow; flesh fine-grained, firm, rich and sugary; clear yellow to the pit, which is very small; clingstone.



HALE'S EARLY.—Skin greenish white, red cheek, flesh white; juicy and sweet; semi-freestone; very early and good.

MUIR.—Large, pale yellow, very firm and sweet; best for drying; freestone; August.

SALWAY.—Creamy yellow, red cheek; flesh deep yellow, red at the pit; rich and sweet; a standard late peach; freestone.

PLUMS

Unless otherwise priced	Each	Dozen.
One year old, 3 to 4 feet.....	\$.20	\$2.00
One year old, 4 to 6 feet .....	.25	2.50
Two year old, branched .....	.30	3.00
Selected, 2 to 3 years .....	.35c to .50	

Write for our low prices by 100 or 1000.

BURBANK.—Largest and handsomest of the new plums; perfectly hardy, free from disease; juicy, tender and sweet; ripens early July; as fine eating as a peach; freestone; should be in every collection.

COE'S GOLDEN DROP.—Large and handsome; light yellow; firm, rich, sweet; one of the best of late plums; last of September.

COLUMBIA (Shippers' Pride).—Largest size, nearly globular; brownish purple; rich, sugary, freestone; August.

GREEN GAGE.—Small, round; flesh pale green, melting and juicy; freestone; August.

PEACH.—Very large; skin brownish-red, slightly coarse-grained, but juicy; freestone; very popular as a home and market variety; August.

DAMSON. Small, oval; skin purple; flesh melting, rather tart; September

YELLOW EGG. Very large, skin of a deep golden color, but rather acid; excellent for cooking; very showy; August.

MAYNARD.—Originated by Luther Burbank. Very large, nearly round, flattened at ends. Of richest crimson-purple, deepening to royal damask. Tree hardy, vigorous and compact grower; bears immense crops while very young; never fails; flesh firm, even when dead ripe, but melting and juicy with a deliciousness indescribable; July. Price 75c; selected, \$1.00

SATSUMA (Blood Plum). Japanese variety. Quite popular, large dark red from skin to pit, which is small, firm and juicy; tree productive. Early July.

NECTARINES

Prices—4 to 6 feet, each 40c; doz., \$4.00.

BOSTON.—Large, deep yellow bright blush; flesh yellow; very rich and luscious. Best for Oregon; August.

EARLY VIOLET.—Medium; skin pale, shaded violet; flesh white; good; July. One each in this collection of 6 for 70c

ALMONDS

Almonds can be grown successfully in most sections of Oregon and Washington, and are attracting much attention from commercial orchardists. Select Trees, 4 to 6 feet, each 50c to 60c.

I. X. L. A vigorous grower and sure cropper, producing nuts of large size and handsome appearance; shell thin; most popular.



Oregon Champion

GOOSEBERRIES

Write for our low price per 1000.

Unless otherwise priced	Each	12	100
1-year-old	\$0.08	\$0.75	\$5.00
2-year-old .....	.10	1.00	7.50
Extra Selected .....	.15	1.50	

OREGON CHAMPION.—Berries large, round and pale green; fine for table use and pies; hardy, strong, and a very prolific bearer; most popular and best commercial variety. Low prices by the thousand. Write.

DOWNING.—Large, light green; soft, juicy and good. Vigorous and very productive.

RED JACKET (Josselyn).—Of large size, smooth, prolific and hardy; of best quality; a wonderful cropper, with bright, clean, healthy foliage.

Prices, 1-year each 15c; per dozen \$1.50
2-year each 20c; per dozen \$2.00

INDUSTRY.—English variety; large oval; dark, red, hairy, rich and agreeable; vigorous and productive.

Prices 1-year each 20c; per dozen \$2.00
2-year each 25c; per dozen \$2.50

CURRANTS

Low prices by the thousand.

Unless otherwise priced	Each	12	100
One year old.....	\$0.10	\$1.00	\$5.00
Two year old.....	.15	1.50	6.00
Extra large selected bushes.....	.25	2.50	

BLACK MAPLES.—Very large, black; valuable for jams and jellies.

CHERRY.—Large, deep red; rather acid; fine for preserving; valuable market variety.

FAY'S PROLIFIC.—A new Currant, larger than the Cherry; has less acid, and is more prolific.

WHITE GRAPE.—Large, yellowish-white, valuable for the table; the finest of the white sorts.

productive, finest-flavored (rich, mild, sub-acid; plenty of pulp; few

PERFECTION.—New; a late introduction of great merit. Our grower says: "You cannot say too much about the good qualities of this grand new sort." So, whether you plant ten or a hundred, plant a good proportion of Perfections, which is the largest, most productive, finest-flavored rich, mild, sub-acid; plenty of pulp; few seeds), healthy, bright red currant to date.

1-year, each 15c; per dozen \$1.50; per 100 \$3.00

2-year, each 20c; per dozen \$2.00; per 100 \$12.50



PERSIMMONS

These are perfectly hardy and do well here. We can supply the American or larger Japanese varieties. Price, 4 feet, 50c each.

Goldendale, Wash., April 4, 1916.
Routledge Seed & Floral Co.

Portland, Oregon.
Gentlemen: Currants, Raspberries and Rhubarb just received. Plants are in fine condition, and we are mighty well pleased with them.

Yours truly,

H. D. ROBERTS.

REMEMBER—All transportation charges prepaid. Read new offer—inside front cover.

BLACKBERRIES

Unless otherwise priced	Each.	Doz.	100
One year	\$.08	\$.75	\$5.00
Extra strong .....	.10	1.00	6.00

LAWTON. The favorite market variety; large, good quality, uniform, hangs long on vine when ripe, productive and profitable. The most generally planted for commercial markets in the Pacific Northwest. Oregon's most popular kind.

ELDORADO. New. Very vigorous and hardy; yield is enormous; berries large, jet black, borne in large clusters, and ripen well together; sweet, melting and pleasing to the taste; no core, and keep eight or ten days after picking with quality unimpaired. Select, price, 15c each; \$1.50 per 12; \$8.00 per 100; 1 year, \$6.00 100.

BLOWERS. A new variety of merit, same price as Eldorado.

EVERGREEN. Introduced from Oregon; beautiful lacinated foliage, which it retains all winter; berries long, black, sweet, rich and delicious; ripens from July to November; a fine berry for family use. Select, each, 15c; dozen, \$1.50; 100, \$8.00; 1 year, \$6.00 100.

HIMALAYA GIANT. A new grand variety; an exceedingly strong, rampant grower of a trailing nature; a heavy cropper; the berries are large, juicy, coreless, sweet and firm, with a delicious aromatic flavor. Its deep-rooting qualities enable it to produce a large, firm berry even in a very dry season. Select, price 15c each; \$1.50 per 12; \$8.00 per 100; 1 year, \$6.00 100.



Lawton



New Mammoth.

New Mammoth Blackberry

A grand addition to the list of Blackberries. The handsome, large juicy berries are delicious. It is a rampant grower, of trailing habit; enormously productive and early. Fruit is enormous, specimens measuring two and one-half inches long; seeds small, soft and abundant; cores small and soft. In size and flavor it surpasses all other varieties of blackberries. Excellent for home use.

Prices: Select, two years old, 15c each; \$1.50 per 12; \$8.00 per 100, prepaid. Low price per 1000. NOTE. One year old (or "tips") give such poor results we do not offer them.

Burbank's Phenomenal

A most desirable, refreshing berry for the home garden. Of a bright crimson raspberry color; very productive, and most delicious of all berries for pies, canning, jellies or jams. Sweeter than the Loganberry and fine as a fresh table fruit.

Prices: Select two years old, 15c each; \$1.50 per 12; \$8.00 per 100, prepaid. Low price per 1000. NOTE. One year old (or tips) give such poor results we do not offer them.

Loganberry

In great demand again for canning and drying. An exceedingly strong grower and an enormous bearer. The fruit is larger and longer than the blackberry and produced in immense clusters; color, dark red. Has a pleasant, vinous flavor, delicious and peculiar to this berry alone; fruit ripens early. It is excellent for the table, eaten raw or stewed, and for jelly or jam is without an equal.

Prices: Select two years old, 15c each; \$1.50 per 12; \$7.50 per 100, prepaid. Low price per 1000. NOTE. One year old (or tips) give such poor results we do not offer them.

DEWBERRY

LUCRETIA.—Fruit ripens between the raspberry and the blackberry. Berries large, handsome, sweet and luscious; trailing vines.

Selected, each 15c; per 12, \$1.50; \$5.00 per 100; 1 year, \$4.00 100, prepaid.

NOTE.—Our 2-year-old Logan-Phenomenal and Mam. Blackberry plants are transplanted tips grown 1 year in nursery row and all will live. They are cheaper than "tips" at any price. "Tips" will not ship safely.

RASPBERRIES

	Each	12	100
One year	\$.06	\$.60	\$4.00
Extra strong .....	.10	.85	6.00

Very low prices per thousand.

RED VARIETIES

ST. REGIS (New)—The St. Regis everbearing red raspberry is the sensation of the day. It is being talked about from the Atlantic to the Pacific. The demand is enormous. It is a very valuable variety. It originated in New Jersey among a colony of Italians who made money by selling the fruit to hotels and restaurants late in the fall after all other kinds of berries were gone. It is a fine berry in every respect, being hardy, very productive, of good color and fine flavor. It does finely in the regular season and you get the fall crop extra. We unhesitatingly recommend this variety. Price, each, 10c; doz., \$1.00; per 100, \$7.50, prepaid.

SUPERLATIVE (New.) The berry is large and firm, with very small, brittle seeds; color, soft crimson. The healthy, vigorous growth, remarkable productiveness, hardiness, immense size, handsome, uniform shape and rich, luscious flavor makes the "Superlative" peerless among raspberries and from the shipper's standpoint a most desirable berry; disease resisting, and nearly a week earlier than the Cuthbert. Extra strong, each, 10c; doz., \$1.00; per 100, \$6.00; 1 year, \$5.00, prepaid.

CUTHBERT. Berries very large, deep, rich crimson; good for shipping; the most popular of all raspberries; stands the sun and heat well.

MARLBORO. Very large and early; beautiful, bright scarlet; good quality; hardy and productive.



Courath—New Black Cap.

BLACK VARIETIES.

GREGG. For many years the leading standard best known market sort. Very productive, large size, firm, meaty berries, covered with heavy bloom.

CUMBERLAND. A healthy, vigorous grower, producing immense crops of magnificent berries. Fruit very large, firm and excellent quality, keeps and ships well. A most profitable market variety; mid-season.

CONRATH. Early blackcap and of superior quality; 10 days earlier than Gregg, coming in with the earliest reds. A most desirable and profitable new sort. Extra strong, each, 10c; dozen, \$1.00; per 100 \$7.00; 1 year, \$6.00, prepaid.

Davenport, Wash., April 1, 1916.

Routledge Seed & Floral Co.

Gentlemen: I received my Crimson Rambler in fine condition this morning, and it is a fine plant.

Yours truly,

MRS. JACOB REINBOLD.

Maupin, Ore., March 17, 1916.

Routledge Seed & Floral Co.

Dear Sirs: Enclosed please find check for \$2.80, for which kindly send me enclosed order. I am well pleased with the order just received. Think the trees are fine.

Yours truly,

H. H. HARPAM.

GRAPES

Unless otherwise priced	Each	12	100
One year old	\$.15	\$1.50	\$ 8.00
Two year old .....	.20	2.00	10.00
Extra large and strong roots...	.25c to .35		

CAMPBELL'S EARLY. Clusters large and handsome; berries large, round, black, with purplish bloom; flesh firm but tender; seeds few; flavor rich, sweet and slightly vinous. A strong and vigorous grower and ripens its fruit early. Berries do not drop from the clusters, and fruit keeps a long time in perfection. Price, 1 year, 20c each. \$2.00 doz.; 2 years, 35c each, \$3.00 doz.

CONCORD. Large, black grape, bunches compact, berries round, sweet and pleasant; very popular.

DELAWARE. Best of our native grapes; grows freely and is perfectly hardy; ripens early; berries small, light red.

OTHER GRAPES. It would take pages to list all the varieties of grapes grown on this Coast, especially in California. We list the most popular hardy sorts for general use.

NEW BOOK. Littcoy's 48-pg. booklet, *New Raspberry and Blackberry Culture*. Written for Western conditions and endorsed by experts. Worth dollars to you. Only 45c postpaid or FREE with a \$5.00 cash order for nursery stock.



MOORE'S EARLY. Bunch medium; berry large, resembling Concord, but more pulp, and is earlier.

NIAGARA. Berry large, pale yellow; flesh tender and sweet productive; one of the best white grapes.

WORDEN. Bunch very large and compact; berry large, black; an improved Concord.

**SELECTED
STRAINS****STRAWBERRY PLANTS****NONE
BETTER**

Our strawberries are carefully grown, trimmed and packed in the best manner to insure their arrival in good, fresh condition. If you want good, strong, healthy, vigorous plants and true to name, send to us. Our prices are right; our plants are O. K.



Wellington's Marvel—"a thoroughbred."

"Marvel"—A New Strawberry of Great Merit

The illustration on the back cover of this catalog shows a photographic reproduction of our field of growing plants, a mother plant showing productiveness of fruit and life-size berries.

We made strong claims for the new strawberry, "Wellington Marvel," when we first offered it to our customers last fall; but after another season, we are more enthusiastic than ever about it. We could write pages about this wonderful variety, but as our supply of plants will probably not be great enough to fill all orders this year, we will not use our valuable catalog space at this time.

The writer made a visit last spring to Mr. Butler's farm to examine his method of growing plants and to test the qualities of the "Marvel" with other varieties, that are extensively grown today. If we were to tell you how far ahead, how superior, the "Marvel" is over Clarks, Magoons, Oregon, Gold Dollar and such varieties, you would scarcely believe it. We claim there is no comparison at all. The "Marvel" is in a class by itself, and head and shoulders above all in Beauty, Flavor, and Production.

Wellington Marvel is almost frost-proof. Last spring, as many Oregon growers know to their sorrow, the late frosts destroyed the greater part of the Strawberry crop, but a severe frost, in fact a real freeze that froze water one-fourth of an inch thick at the Butler farm, did not to any great extent harm the "Marvel." Some of the large half-ripe berries were frosted and turned black, but the blooms and young berries did not seem to be affected. The secret of this is, that the foliage is heavy and spreading, and each fruit-stalk seems to be perfectly covered and protected.

Let us emphasize the word, "fruit-stalks." These can really be called "fruit-stalks" on the "Marvel" plants, for they are strong and sturdy, producing from 12 to 18 berries. Each plant in Mr. Butler's patch had from 15 to 20 of these fruit-stalks. It was really amazing to gather the center foliage together and behold the enormous productiveness of the "Marvel."



Wellington "Marvel" plant with some leaves removed to show mass of young fruit.

A Two-Crop Variety—We believe the "Marvel" will prove to be one of the best of the ever-bearing varieties. It ripens a monster crop of early berries, after which, if the tops are cut off, plants cultivated and, if possible, irrigated a few times, they will bloom again in July and produce a second crop, lasting until winter.

WELLINGTON'S MARVEL—To overestimate the high qualities of this new strawberry would be extremely difficult. As a colossal yielder it has few rivals. The foliage of the plant is erect, dense and medium dark green, and very healthy. Fruit is uniformly large, a perfect oviform in shape, ripens evenly and perfectly, and in flavor incomparably delicious when fully ripe.

REMEMBER—"Marvel" plants are grown from young parent stocks that are grown and cultivated especially for plants. They ARE NOT dug from worn out berry patches.

Wellington's "Marvel"—Continued

REPORTS ON THE "MARVEL"

Last spring we had Mr. Butler send us a few crates of "Marvels" so as to show our customers and friends the fruit, and allow them the pleasure of tasteing same. Here is what they said:

"The most wonderful strawberry I have ever seen."

"I claim to be an expert on strawberries, but the 'Marvel' has never been equalled in perfection, color and quality."

"This certainly is a luscious berry."

"Put me down for 100 plants. The flavor is delicious."

One of Portland's leading strawberry buyers, after seeing and tasting the "Marvel," said:

"I will pay Mr. Butler a premium above market price for all the 'Marvel' berries he is growing." And he did.

WELLINGTON'S MARVEL.—The plant has a multiple crown system, which, under restriction, stools up to mammoth proportions and circles itself with a massive wreath of large, oviform, crimson berries, sparkling like rubies in the sunlight.

When we observe the penetrating power of the Marvel's enormous root growth, we cease to view the festive array of the striking red beauties with astonishment, but think of the persistent toil and painstaking care exercised by the originator for the purpose of eliminating objectionable features and placing on the market an ideal strawberry, absolutely immune from all lopsided, scrubby, defective specimens.

The ruddy glow of the Marvel spreads evenly and leaves no white tips. It is very firm and a peerless shipper; is first class for canning. Heat does not impair its quality, but intensifies the color to deep red. The flavor of the Marvel is distinct and, when once tasted, its ripening season will be looked forward to as the festal event of a lifetime.

The blooms are perfect and are protected from frost by a dense growth of leaves. Fruiting season early, long and marvelously productive.



WELLINGTON "MARVEL" (Quart box.)

WELLINGTON'S MARVEL was originated by Wellington S. Butler, of Merlin, Ore., a strawberry specialist. We have obtained the exclusive sale of all his plants, and take great pleasure in offering to our customers and all lovers of strawberries this really superb and meritorious new variety. In all our experience and observation, we have never seen the equal of the "Marvel" in color, shape, size and quality. The ripe berries command instant attention on account of the bright, fresh, delightful appearance. We predict a bright future for the "Marvel," and the commercial grower, who gets a start of this variety and markets the fruit, will reap a rich harvest.

Prices for 1916-1917.

Each 15c, 3 for 50c, 12 for \$1.50, 100 for \$10.00, prepaid. Advance orders lead us to believe our supply of plants will not be great enough to satisfy the demand—Order early.

BEWARE! To protect our customers, all Wellington Marvel strawberry plants will be marked with a printed wooden label, as follows: Originators Stock Wellington Marvel on one side and our name, Routledge Seed & Floral Co., on the other. Plants not marked thus **ARE NOT TRUE STOCK.**

Superb-Everbearing

This we believe is the best of the everbearing kinds. Superb is a truly wonderful fall bearing variety. It is doubly valuable as it yields heavily, early as well as late. This new Superb is really a true everbearer and gives a good supply of choice, rich, red berries, until stopped by heavy frosts in the fall. This is the first everbearing strawberry that we have found of real merit and of a good flavor and color. Growers who have tested it on this coast are enthusiastic over it. Supply of plants limited this season. Prices, postpaid, doz., 60c; 25, \$1.00; 50, \$1.50; 100, \$2.00.

Route No. 1, Post Falls, Idaho,

March 28, 1916.

Routledge Seed & Floral Co.

Dear Sirs: Enclosed find Express Money Order for 1000 Strawberry Plants, which I wish you to send to me at once. I received the other order of Plants O. K. Was well pleased with them, so I want more Plants.

Yours truly,

C. J. FRITZ.

124 Nob Hill Street, Ashland, Ore.,

May 2, 1916.

Routledge Seed & Floral Co.

Gentlemen: The last lot of trees and berries arrived safely and are doing well. The berries are going to bear good this year. The rose bushes are grand and will bloom soon.

Respectfully yours,

T. B. WRIGHT.

DON'T be misled by the fine catalogs sent out from the East. Buy Western grown plants and Western varieties, better berries than ever grew in the East. We know it!

STRAWBERRIES—Continued

Our plants are not taken from old, run-out fields, but are propagated from young, vigorous plants that are grown especially for the propagation of plants. You will find our stock will give the best results. Don't buy any old kind because they are cheap.

GOLD DOLLAR. This is one of the earliest berries on the market. Fruit good, medium size, and dark red all through; rather tart; fine flavor; foliage heavy, large and spreading, which protects the blooms from early frosts. Has a perfect bloom, and strong stems that hold the berries up from the ground, which helps to keep color and flavor during the early rainy season. A very heavy cropper for so early a berry. There is money in Gold Dollars, and this year we can supply large quantities at special low prices.

GLEN MARY (Early). Growing more popular year by year. There are few other berries having a wider habitat than this variety, and it has proved profitable and successful wherever planted. A heavy producer of big, dark red beauties, its popularity is not to be wondered at. The berries are inset with bright-yellow and very prominent seeds which give them a beautiful appearance in the box. As a shipper it has no superior. Glen Mary, although a bi-sexual, is not a strong pollenizer and we recommend that it be set with Wm. Belt.

WM. BELT (Early.) This variety grows big crops of large, red, attractive berries that hang in clusters from powerful stems. The flesh is very rich and meaty and of deep red, which extends to the center. The berries are in every respect "extra fancy," and the fact that it grows, like its famous mate Glen Mary, under practically all conditions, makes it one of the most valuable varieties ever originated.

MAGOON. Berry large, fine and excellent; sub-acid flavor; bears heavily and throughout the season.

CLARK'S SEEDLING. The berry that has made Hood River famous; excellent shipper; berries large, firm and of delicious flavor; vines bear large crops; is especially adapted to Pacific Coast.

MARSHALL.—One of our best Western varieties and very popular wherever known. In California it has been very extensively planted in recent years, and in Oregon it has the distinction of topping the Portland market in three successive seasons. Marshall is one of the blood-red varieties that never fails to attract the eye and to satisfy the taste. It is deliciously sweet, generously prolific, and is in every way an ideal variety for extensive planting or home garden. Excellent for canning, as it holds its color, shape and flavor.

OREGON IMPROVED. One of the finest and most satisfactory strawberries ever introduced. It always looks bright, fresh and attractive. The berry is very large firm and handsome; rich, dark red, extending to the center. The flavor is rich sweet and delicious. For table use and canning, it cannot be surpassed. The "Oregon" ripens early and continues in bearing until late in the season. Very prolific and a heavy cropper.

BRANDYWINE (Late—Bi-sexual). Has been grown for 20 years in the East, and is now being largely planted by Western growers who have tried it out. Its large size, deep rich color and beauty of its fruit, excellent flavor and great productiveness makes it rank among the leaders. The fruit stems grow erect, and hold the berries well up from the ground. The foliage is ample having a dark leathery leaf which affords full protection to the bloom. Full protection to the bloom. (See prices next page.)

New Price List of Strawberry Plants.

Variety.	Per doz.	Charges Prepaid.			Not Prepaid.		
		25	100	1000	25	100	1000
Brandywine	\$.30	\$.50	\$1.00	\$6.00	\$.40	\$.85	\$5.50
Clark's Seedling .....	.25	.40	.75	5.00	.30	.60	4.50
Glen Mary .....	.30	.50	1.00	6.00	.40	.85	5.50
Gold Dollars .....	.25	.40	.75	5.00	.30	.60	4.50
Magoon .....	.25	.40	.75	5.00	.30	.60	4.50
Marshall .....	.25	.40	.75	5.00	.30	.60	4.50
New Oregon (Improved).....	.25	.40	.75	6.00	.30	.75	5.00
Wilson .....	.25	.40	.75	5.00	.30	.60	4.50
Wm. Belt .....	.30	.50	1.00	6.00	.40	.85	5.50

500 plants, all one kind, 10c more per hundred than thousand rate.

All our strawberry plants packed in special strawberry crates holding 500 plants each. Special low prices on 5000 or more. Write, stating quantity and kind wanted.

WHEN YOU WANT "HIGHEST QUALITY" Seeds of any kind, Fertilizers, Sprays or Spray Pumps, Garden Tools or Supplies; Poultry Foods or Supplies; Canary Birds, Cages and Foods and Supplies; Gold Fish or Aquariums, let us supply you. Be sure your name is on our mailing list for a copy of our 1917 Descriptive 128-page Catalogue—free on request.

Why Not Raise Some Asparagus and Rhubarb

Every garden large or small should have at least a small supply. If you want special information on culture of these roots, we have **ASPARAGUS CULTURE**, by Hexamer, 174 pages, 60c, and **NEW RHUBARB CULTURE**, by Morse and Fiske, 130 pages, 60c.

ASPARAGUS ROOTS

One of the earliest and finest of spring vegetables; very easily grown. A bed once planted is good for years if properly attended to and well manured. Set plants 18 inches apart, in rows 3 feet apart.

ONE YEAR OLD.—Prepaid, dozen 25c; 50, 75c; 100, \$1.00. By express or freight, 1000, \$6.00.

TWO YEAR OLD.—Prepaid, dozen, 40c; 50, \$1.00; 100, \$1.25. By express or freight, 1000, \$8.00.

Buy Roots and Save 2 to 3 Years.

HOP ROOTS

Regular Root Cuttings, price, 5c each; 40c per dozen; \$1.20 per 100. Low prices by the thousand.

Grown Roots give quicker results; each, 10c; dozen, \$1.00.

HORSE-RADISH ROOTS

Prices, 5c each; 40c per dozen; \$1.50 per 100. Low prices by the 1000.



Asparagus.



Rhubarb.

RHUBARB

PIE PLANT—WINE PLANT

Plant in the fall or early spring from 3 to 4 feet apart, in the richest soil you have, or can prepare. New book: "Rhubarb Culture," a complete guide to dark forcing and field culture (well illustrated), 130 pages, 60c.

BANWINE RHUBARB—A Moneymaker

This is a new giant variety, a quick grower, very early, heavy stalks, very tender, brittle, and of finest flavor. Our grower claims it excels Burbank's Giant, Riverside Giant (Cumming's), and is far superior and three times as profitable as the ordinary Giant or Victoria, Linneous and others. Has produced close to \$900.00 profit per acre. We could write a whole page about this grand variety and print letters and testimonials of merit, but space will not permit. (Send for pamphlet if interested.)

PRICES: Divided Roots (Buds or Eyes, as they are often called), 15c each, 2 for 25c, 6 for 60c, 12 for \$1.00, postpaid; per 100, \$7.50 prepaid. Quantity price on request.

Note—Divided roots from the true mother plant is the only safe way to propagate—seeds do not come true.

BURBANK'S CRIMSON WINTER

Very early medium size, brilliant crimson and of fine quality. Highly esteemed in California. Prices: Small roots, each 15c, doz., \$1.50; large, 25c, \$2.50 doz., postpaid.

VICTORIA OR MAMMOTH

One Year.—Each, 10c; doz., 75c; 100, \$4.00.

Two Year.—Each, 15c; doz., \$1.25; 100, \$6.00, prepaid. If wanted in larger quantities, write for special prices.

SHADE, NUT AND ORNAMENTAL TREES AND SHRUBS

HARDY FLOWERING SHRUBS.—There is nothing which so quickly, and for so little cost, adds so much to the beauty, cheerfulness and homelike appearance of a place as an assortment of hardy shrubs. They are permanent improvements, which increase in size, value and beauty year after year.

IMPORTANT NOTICE.—We no longer send out traveling salesmen or agents. If you want our "High Quality" stocks order direct from us and we will prepay charges—see inside front cover and page 1.

For Your Guidance

To make it more convenient for the average person to find certain stocks, we will list in alphabetical order all Shade, Nut and Ornamental Trees and Shrubs (climbing plants excepted), and use the following letters after the name to classify them.

D—Deciduous—Trees and Shrubs that drop their foliage in fall and winter
E—Evergreens—These retain their foliage year around.

ACER.—See Maples.

ACUBA (E).

Japonica.—Beautiful, broad leaved evergreen, with leaves speckled and striped golden yellow; elegant shrub for specimen on the lawn or for planting among other shrubbery; bears bright red berries in winter time.

1½ to 3 feet, \$1.25 to \$3.00

ALMOND (D) (Flowering).—Beautiful shrub, bearing in May, before the leaves appear, double, rose-like flowers.

Double Red or White.—3 or 4 feet.
 Each 50c to 75c

ALTHEA (D)—Rose of Sharon.—These beautiful shrubs bloom very freely in August and September, when few other shrubs are in bloom, and being easily cared for, are worthy of a place in every garden. Our collection comprises double varieties. **Pink and White.** Each 35c, 50c and 75c.

ARBOR VITAE (E) (Thuja).

American.—A most valuable upright evergreen of dense, compact habit.

2 feet and up, each \$1.00 to \$3.50

Golden.—An attractive, hardy, compact evergreen of a beautiful golden yellow.
 1½ feet up, \$1.00 to \$3.00

ARAUCARIA, IMBRICATA (E).

Chile Pine, or Monkey Tree.—Very rare and beautiful, pointed, needle-like leaves, 1½ feet up, \$2.00 to \$2.50; specimens \$3.00 to \$5.00.

Araucaria Excelsa.—See Palms and Plants.

AZALEA (D).

Mollis.—The most gorgeous of all hardy shrubs. The blossoms, which vary in color from intense crimson to lemon yellow, are borne in greatest profusion in early spring, before the leaves appear. It makes a compact, symmetrical shrub.

Budded.—Select varieties in Yellow, Orange or Red, each, \$1.00 to \$1.50; **Seedlings,** assorted, 75c to \$1.50.

AZALEA (E).

A. Crimson.—A hardy evergreen species. These are dwarf, compact growers. Foliage small; flowers dazzling crimson.
 Each, \$1.25 to \$1.50

BAMBOO (E).—A very ornamental Oriental plant. We import a fine collection of Bamboo from Japan. Small plants, each, 50c to 60c; larger plants, each, 75c to \$1.50.



Azalea Mollis—(Flowers one-third size)

BERBERIS (D) (Barberry).—The Barberry is an interesting family of shrubs, varying in size from 3 to 6 feet and having graceful, feathery foliage. Its showy flowers in early summer are succeeded by bright-colored fruit, which is very conspicuous in autumn and early winter.

Thunbergii.—A beautiful Japan variety of dwarf habit. Small foliage, changing to beautiful red in autumn. Very desirable for grouping.
 Each 35c, 50c and 75c

Vulgaris (Common European).—Yellow flowers in drooping racemes in early summer, followed in autumn by orange-scarlet fruit.
 Each 35c, 50c and 75c

Vulgaris Purpurea (Purple).—Violet-colored foliage and fruit; rich-looking and very effective when contrasted with plants of lighter foliage.
 Each 35c, 50c and 75c

BIRCH (D)—Betula.—Remarkable for its elegance; very graceful with its silvery bark and slender branches.

European White.—6 to 8 feet, each 75c; 8 to 10 feet, each \$1.00 to \$1.50.

Weeping Cut-Leaved (alba lancinata pendula).—Charming tree. Its tall, slender yet vigorous growth, gracefully drooping branches, silvery-white bark and delicately cut foliage present a combination of attractive characteristics rarely met with in one tree. 5 to 6 feet, each \$1.00; 8 to 10 feet, \$1.50 to \$2.50.

If there is any information or advice that you wish, we will be glad to serve you to the best of our ability. Twenty years' practical experience on the coast enables us to serve you intelligently.

BOXWOOD (E)—Burns.—A compact, small-leaved evergreen that can be trimmed into balls, box or pyramidal shape. They make handsome single specimens for lawn or porch decoration.

Dwarf, Common.—Fine for borders, edgings or low hedges; 6 inch, each 15c. per 100, \$10.00; specimen plants shaped, up 1 or 2 feet, 50c to \$1.50 each.

Imported Stock.—These plants are grown and trimmed in the Holland nurseries.

Pyramids.—2 feet and up. Each \$2.50 to \$10.00.

Standards.—Ball-shaped on heavy stalks. 12-inch heads and up, each \$2.50 to \$12.

CAMELLIA (E).—Beautiful for the house or garden; evergreen foliage; wax-like flowers which appear about Christmas indoors or early spring outside.

Japonica, Double White, Pink or Red.

1½ to 2 feet, each \$1.00 to \$1.50; extra select \$2.00 to \$3.00.

CATALPA (D).—A beautiful shade tree. White flowers in July.

Speciosa.

4 to 5 feet, each 60c; 7 to 9 feet 75c to \$1.00

CEDAR (E)—Cedrus.

Atlantica.—One of the most beautiful evergreens. Upright growth, but low-branched and of compact habit. Foliage light green. Each \$1.00 to \$3.00

Deodora (Deodar or Indian Cedar).—Of vigorous growth; pyramidal form; graceful foliage of a light, silvery or glaucous green. One of the most beautiful of evergreens.

Each, 1½ to 2 feet, \$1.50; 2½ to 3 feet, \$2.50 to \$3.00; specimens, \$3.50 to \$5.00

CHESTNUT (D).—Very popular, stately shade trees. Extensively planted for shade.

American Sweet.

6 to 8 feet, each \$1.00 to \$1.50

Spanish.

4 to 6 feet, each \$1.00; 7 to 8 feet \$1.50

Horse, European, Red Flowering.—Much slower grower than the white.

3 to 4 feet, each 60c to 75c; 6 to 8 feet \$1.25 to \$2.00.

Horse, White Flowering.

4 to 5 feet, each 60c to 75c; 6 to 8 feet \$1.00 to \$1.50; 9 to 10 feet, specimens, \$1.50 to \$2.00

CLETHRA (D)—Sweet Pepper Bush.

Alnifolia (Sweet Pepper Bush).—An upright, slow-growing shrub, with spikes of fragrant white flowers in midsummer.

Each 35c, 50c and 75c

COTONEASTER.—Choice evergreen with minute, deep glossy, green foliage and red berries.

Horizontalis (E).—A plant of prostrate habit of growth, admirable for covering low walls, or to use in rock work.

Choice plants, each 50c, 75c, \$1.00 and up

Simondsii (D).—A beautiful upright shrub, with fruit of a rich, deep orange color.

Each 50c and 75c

CYPRESS (E).

Lawson's.—Hardy, graceful, rapid growing evergreen, with feathery bluish-green foliage.

Specimen plants (See cut. 75c to \$2.50 and up

DAPHNE (E).—Superb evergreen shrub of compact growth, bearing in early summer many bluish white flowers, highly perfumed, and very lasting. The sweetest-scented shrub in existence. Hardy only west of the Cascades.

White or Pink. Each \$1.00 to \$1.50

DEUTZIAS (D).—Their hardihood, fine habit, luxuriant foliage, and profusion of attractive flowers, render them among the most beautiful and deservedly the most popular of flowering shrubs at the present time. The flowers are produced in May and June.

Your choice—Each 35c, 50c, 75c and up.

Crenata Fl. Pl.—Grows 4 to 6 feet tall. Flowers very dainty and pretty; white, tinged rose; very double and full.

Gracilis.—Low-growing, compact; covered all over with pure white, bell-shaped flowers.

Lemoinei.—Flowers very large and produced in broad-based, cone-shaped heads of from 20 to 30 flowers each, of purest white.

Pride of Rochester.—Flowers very double and full; pure white, tinged with blush; great profusion.



Flower Spray, Pride of Rochester Deutzia.

DOGWOOD (D)—Cornus.

Oregon (Cornus Nuttalla).—One of the

Each 60c to \$1.00

Sibirica (Red Siberian Dogwood).—A rare and remarkable variety, with bright red bark in winter. Each 35c, 50c and 75c

Spathi (Gold-leaved Dogwood).

Each 50c and 75c

OUR PRICES are for large field-grown shrubs—not small one-year cuttings or greenhouse plants. They are worth all we ask. Don't compare our prices with the cheap Eastern mail order houses. **REMEMBER "E"** Evergreens cannot be sent by mail. See notes inside front cover and page 1.

ELM (D).—One of most popular and best shade trees. Very desirable for street planting.

American White and Cork Bark.

6 to 7 feet, each 75c; 8 to 10 feet \$1.00 to \$1.50

Weeping Elm (Camperdown).—One of the most beautiful and remarkable of weeping trees; low growing, branches extending horizontally. Priced according to size of head. Each \$1.50 to \$2.50

EUONYMOUS.

Aurea Variegata (E).—A very beautiful and attractive, compact growing evergreen shrub. Leaves variegated green and gold. A very striking plant. \$1.50 to \$2.00

Europaeus (D) (Spindle Tree—Burning Bush).—A large shrub or tree, bearing rose-colored fruit in autumn; fine; 3 to 4 feet. Each 60c to 75c

Radicans (Trailing) (E).—Very hardy, slow but dense-growing; useful for covering old walls, etc., as it is self-clinging. Each 50c

FILBERTS (D).—These nuts do well on this Coast. We can supply Barcelona, Du-Coast. We can supply Barcelona and Du Chilly, the most popular sorts.

2 to 3 feet each 35c to 50c; per 10, \$4.00

2 to 3 feet each 75c to \$1.00

Corylus Purple Filbert.—Large bush, with large, dark purple leaves; makes a very effective contrast when planted among green-foliaged plants.

2 to 3 feet each \$1.00

FLOWERING CURRANT (E)—Rebis.—The flowering Currants are gay, beautiful shrubs in early spring, and of the easiest culture.

Sanguinolenta.—Charming crimson flowers in early spring; fine variety.

Each 35c, 50c and 60c

FLOWERING CHERRY—Apples—Plum.

Fine for small and large lawns. They flower profusely very early in the spring before the leaves appear; excellent for cutting. White or Pink.

Each 75c; selected branched, 6 to 8 ft. and up, \$1.50 to \$2.00.

FORSYTHIA (D) Golden Bells.

Viridissima.—Blooms early in spring, before the leaves appear, when it is covered with golden, bell-like flowers.

Each 50c to 60c

Suspensa (Weeping Golden Bell).—Somewhat pendulous in habit.

Each 50c to 60c

GEINSTA (E) Broom Bush.

Scoparia (Scotch Broom).—Rapid growing, hardy bushy shrub; producing trusses of yellow flowers in May.

Each 25c to 50c

Juncea (Spanish).—New yellow variety, blooms all summer.

Each 35c to 60c

Alba.—A new early flowering white variety of good habit; very attractive.

Each 25c to 50c

HAWTHORNE (D)—A beautiful flowering shrub that grows to be a fair-sized tree; very desirable; fine foliage.

Paul's Scarlet.—Double scarlet, very rich. Each 50c to \$1.50

Double White or Red.

3 to 4 feet 40c; 6 to 8 feet \$1.00 to \$1.50

HOLLY (E)—Ilex.—Beautiful small specimen tree for lawn planting. Attractive all the year because of their broad, glossy, prickly leaves, but most beautiful from November to April, when laden with bright scarlet berries.

English (Aquifolia).—Berry-bearing plants, per foot, \$1.00; nice plants, \$1.50 to \$2.50; specimens, \$3.50 to \$7.50; seedling stock, per foot 60c; nice plants, \$1.50 to \$3.00.

Gold or Silver Margined.

\$1.50 to \$3.00 and up



Hydrangea Hortensia

HYDRANGEA HORTENSIA (D).—A handsome half-hardy Japanese shrub; most frequently seen in tubs and pots, and does well in somewhat sheltered place. Ornamental foliage and beautiful flowers in large trusses. (See cut above.)

Hortensia Blue.—Large flowers; clear blue. Very popular.

60c to \$1.00. Specimens, \$1.50 to \$2.00

Hortensia White.—Pure white; large flower.

60c to \$1.00. Specimen, \$1.50 to \$2.00

Hortensia Pink.—A beautiful new pink from Japan. Large, free flowering. Each 50c, 75c and \$1.00; extra large \$1.50 to \$2.00

Schizophragma (Climbing Hydrangea).—(See Climbers), page 58.

Paniculata Grandiflora.—The grandest as well as the most popular, of all shrubs, and hundreds of thousands of them are sold every year; excellent for hedges or massing; unsurpassed for the lawn; blooms in July and August, and continues in bloom for two or three months. The flowers are massive, cone-shaped, sometimes 10 inches in length, and changing from the original pure white to pink, and finally to a beautiful rich coppery red. (See illustration, page 51.)

JUNIPER (E).—Very desirable evergreens for the lawn; generally grown in pyramidal form; foliage fine and beautiful.

Irish, Swedish and English.

2 to 3 feet, \$1.00 to \$2.00; specimens, \$2.50 to \$5.00

REMEMBER—“E” following the name signifies Evergreen plants that must be balled and are not mailable. See inside front cover about prepaying.

KALMIA (E)—Mountain Laurel.—A beautiful companion to the Rhododendron; beautiful flowers in clusters, pink changing to white; elegant foliage.
Each \$1.25 to \$1.75

KERRIA (D)—Corochorus.
Japonica.—A green-branched shrub, 5 to 6 feet high; abundant yellow flowers from June to October. Each 35c, 50c to 75c

LAUREL (E).
English.—A small tree, or bush, with handsome shining thick foliage. Excellent for large hedges or screens or as single specimens.
18 to 24 inch, each 60c to 75c; 2 to 3 feet and up, \$1.00 to \$1.50.
Write for prices in quantity for hedge.

LAURESTINUS.—A small, intricately branched tree with glossy leaves. Flowers white, disposed in slender racemes appearing in late fall and winter.
75c to \$1.00 and up

LABURNUM (D)—Cytisus.
Laburnum (Common Laburnum, or Golden Chain).—Smooth and shining foliage. The name "Golden Chain" alludes to the drooping racemes of yellow flowers which appear in June.
Each 50c, 75c to \$1.00

LINDEN (D)—European.—Very desirable and beautiful tree for park or street planting; large heart-shaped leaves, white flowers.
5 to 6 feet each 75c; 6 to 8 feet \$1.00 to \$1.50

LILACS (D)—Syringa.—Everyone loves the lilac and no garden is complete without one or more. The new imported grafted varieties are very beautiful and produce magnificent large flowers.
Common White or Purple.
Each 50c to 75c; large specimens, \$1.00 to \$2.00.

FEED YOUR PLANTS. You must supply "food," in other words, fertilizer, if you want the best results. Read about "Wonder," page 30, and ask for "Booklet."



Kalmia Flowers (One-third Size)

LILAC—Continued.

Imported Budded Varieties.—Your selection following named varieties, 3 to 4-year-old select plants, 3 to 4 feet and up, 75c to \$1.25; specimens, 4 to 6 feet, well branched, \$1.50 to \$2.00.

Charles X (Single).—A strong, rapid grower; leaves dark and shining; trusses large and rather loose; color rosy purple.

Marie LeGrave (Single).—Beautiful creamy white flowers of immense size.

Souvenir de Louis Spaeth (Single).—Immense trusses of a deep dark red.

Belle de Nancy (Double).—Brilliant rose, white center, very fine.

Mme. Lemoine (Double).—Fine double white variety; very fragrant.

Michael Buchner (Double).—The best pale lilac or lavender.

President Grevy (Double).—Long trusses; double; beautiful blue rosy lilac panicles.

MAHONIA AQUILIFOLIA (E)—Oregon Grape.—Native of Oregon, and our state flower. Very valuable and desirable on account of its beautiful foliage and clusters of yellow flowers in spring, followed by blue-black berries.
Choice plants, nursery grown, each 40c to 75c; large \$1.00 to \$1.50



Hydrangea Paniculata Grandiflora (see page 50).

Have you read about or seen DAD'S LANTERN? It's safe, sure and GIVES A GREAT BIG BRIGHT LIGHT. Ask for Descriptive Pamphlet.

MAPLE (D)—Acer Japonica—Japanese.—

A beautiful class of low-growing, shrub-like trees, having brilliant colored leaves, which retain their brightness from spring until fall. Nothing finer than these can be had for planting, either in groups or singly on the lawn.

Price: Any of the following varieties of Japanese Maples, choice plants, \$1.00 to \$1.50; specimen plants, \$2.00 to \$3.00:

Atropurpureum.—Deep maroon, palmate leaf.

A. Atropurpureum Variegatum.—Bright crimson, with deep maroon variegation.

A. Atropurpureum, Dissectum.—Deep maroon, richly fringed, thread-like leaflets.

A. Osaka-Zuki.—Light maroon, changing to blood red in fall; palmate leaf.

A. Scolopendrifolium Eubrum.—Dark red, fine, ribbon-like leaflets.

Silver Variegated (A. Negundo Variegatum).—Most attractive; leaf is variegated white and green; at a distance it has the appearance of the whole leaf being a silver-white; an excellent lawn tree.

3 to 4 feet each 75c to \$1.00; 5 to 6 feet, \$1.25 to \$1.50.

LARGE GROWING MAPLES FOR SHADE

Norway (A. Platanoides).—Its large, compact habit, broad, deep green shining foliage, and its stout, vigorous growth, renders it one of the most desirable species for streets, parks and lawns.

6 to 7 feet each 60c to 75c; 8 to 10 feet and up \$1.00 to \$1.50.

Oregon (A. Macrophyllum).—A most graceful tree; with wide-spreading branches and large foliage; very rapid growth.

6 to 7 feet each 60c to 75c; 8 to 10 feet and up \$1.00 to \$1.50.

Silver-Leaved, or Soft (A. Dasycarpum).—Native tree of rapid growth; foliage bright green above and silvery-white beneath.

6 to 8 feet each 60c to 75c; 10 feet up \$1.00 to \$1.50.

Sugar or Rock (A. Saccharinum).—Popular; its upright habit of growth, dense shade and adaptability to different soils have rendered it one of the most extensively used.

6 to 7 feet each 75c to \$1.00; 8 to 10 feet and up \$1.00 to \$1.50.

MULBERRY (D).

Downing's Everbearing, New American, Russian and Teas, Weeping, each, \$1.00 to \$1.50 and up.

MOUNTAIN ASH (D).—Very ornamental trees, especially when covered with its clusters of red berries in the fall.

European.

6 to 8 feet 50c to 75c; 9 to 10 feet \$1.00 to \$1.50.

MAGNOLIA (E).

Grandiflora.—Their elegant habit and foliage alone would render them indispensable, but the flowers, their crowning beauty, are unequalled in size and showy effect among hardy trees and shrubs. A magnificent evergreen, with large, leathery green leaves, more than a foot long; bears large, fragrant white flowers.

Each 75c to \$1.00; 3 to 3½ feet, \$1.50 to \$2.00; specimens, \$3.50 to \$5.00.



Flower Bud of *Magnolia Soulangeana*

MAGNOLIA (D). (See cut.)

Conspicua.—A Chinese species of great beauty; shrub-like in growth while young, but attains the size of a tree in time. The flowers are large, pure white, very numerous and appear before the leaves. 2 feet each \$1.00; 3 feet each \$1.50 to \$2.00. Specimens 3 to 4 feet, branched, \$2.50 and up.

Soulangeana.—In habit it closely resembles *Conspicua*; flowers white and purple, cup-shaped and three to five inches in diameter; foliage large, glossy and massive; blooms later than *Conspicua*. Small, each \$1.00; large, each \$1.50; specimens, \$2.50 and up.

Obovata.—Has striking flowers, light purple, richly variegated with white. Small, each \$1.00; large, \$1.50 to \$2.00; specimens, \$2.50 and up.

PHILADELPHUS (D)—Mock Orange.—Popular shrubs. They are usually tall, vigorous growers, with large foliage and flowers, and are valuable for backgrounds, screens, grouping and specimens. Flowers are sweet-scented, milk-white and bloom in May and June.

Each 35c, 50c and 75c

Gordonianus (Gordons Syringa).—A valuable variety, blooms late and profusely.

Each 35c, 50c and 75c

Grandiflorus.—Very large, showy, fragrant flowers, somewhat drooping in habit.

Each 35c, 50c and 75c

POPULAE (D).—These well-known trees are planted largely for windbreaks and ornamental purposes.

4 to 6 feet, 35c to 50c; 8 to 10 feet, 60c to \$1.00.

IMPORTANT NOTICE.—We no longer send out traveling salesmen or agents. If you want our "High Quality" stocks order direct from us and we will PREPAY CHARGES—see inside front cover and page 1.



PEONY (D)—Double Herbaceous.—One of the most beautiful flowering plants, blooming in May and June. The new varieties are simply gorgeous. Once planted they increase in size and profusion of bloom. Most desirable and beautiful for hedges, groups or individual planting.

DELICATISSIMA—Large and showy, a profuse bloomer; very desirable, a beautiful silvery pink; mid-season. Each 35c

DUCHESS DE NEMOURS—Sulphur-white, changing to white when in full bloom. A beautiful well-formed flower. Each 50c

EUGENE VERDIEE—Beautiful large flowers, light rose, white center. Tall, erect, free bloomer. Very showy and superb. Each 60c

FESTIVA MAXIMA—This truly superb variety, the finest white in cultivation, combines wonderful purity of color, freedom and earliness of flower. Delicate fragrance. Each 40c

FELIX CROUSSE—Brilliant red, ruby center. Large, handsome, full flowers. An ideal variety. Each 50c

GLORIE MONDI—Pure white with salmon center. A very free flowering variety. Excellent for cutting. Each 35c

LOUIS VAN HOUTTE—One of the most conspicuous of the dark-colored varieties. Blooms are freely produced on strong upright stems well above the foliage; color rich dark crimson. Very desirable. Each 35c

MADAME DUCEL—A very handsome free-blooming Pink, with silvery reflex. Fragrant and desirable in every way. Each 35c

TRIOMPHI DE PARIS—A strong-growing, pure white variety with creamy-white center; good bloomer and habit; mid-season. Each 35c

TENUIFOLIA FL. PL. (Fringed or Carrot Leaved)—Distinct; handsome divided foliage; flowers large, very double and of a deep blood-red; a dwarf, compact bloomer. Each 35c and 50c

Pink Peony Offer—We have a surplus of pink sorts, and as they are not all of one shade of color they will make a beautiful bed or border. Each 25c, Doz. \$2.00

PEONY MOUTAN (D)—Tree Peony.—A small tree-shaped shrub, which in May is covered with dozens of massive blooms; it presents a magnificent display. We have Cream, White, Pink, Scarlet, Rose and Variegated. Each 75c; strong plants \$1.00 to \$1.50 each.

PRIVET—(Evergreen).—One of the best hedge plants; has small, pointed, evergreen leaves; grows rapidly and compactly; stands severe pruning, and can be kept in fine shape with little care. (See cut.)

1-year-old plants, 12 inches up, per 50, \$1.75; per 100, \$3.00; 2-year-old plants, 24 inches up, per 50, \$3.50; per 100, \$6.00



Privet Hedge.

QUINCE (D)—Cydonia.

Japonica (Japan Quince).—Popular shrub, which blooms profusely in early spring; flowers dazzling scarlet; makes an excellent hedge. Each 35c, 50c and 75c

RETINOSPORA (E).

One of our most showy and graceful evergreens. There is a large class of Retinosporas, but the most popular are those of compact, tufted character. Choice, well-shaped plants in Green and Golden.

2 to 3 feet.

\$1.50 to \$2.50



Flowers of Japan Quince.

FEED YOUR PLANTS. You must supply "food," in other words, fertilizer, if you want the best results. Read about "Wonder," inside back cover, and ask for 20-page "Booklet."

RHODODENDRONS (E).—This, wherever known, is universally acknowledged to be the most showy, magnificent, hardy evergreen shrub that grows. The broad, thick, evergreen foliage with its glossy richness, would alone entitle it to a place foremost in the rank of evergreen shrubs, but when, in May and June, this mass of luxuriant foliage is almost hidden by the magnificent array of beautiful flowers in all colors from white to purple, the effect is simply grand. We import from Holland the choicest and best-named varieties.

Choice Named Varieties.—Strong and bushy, well set with flower buds that will flower nicely the first year; your selection of colors in **White, Pink, Rose, bright or dark Red, Lavender, Rosy, Lilac or Purple.**

PRICES—Two foot plants \$1.50 each; select, \$2.00 each, \$20.00 dozen; extra select, \$2.50 each, \$25.00 dozen; extra large specimens, \$3.00 to \$5.00 each.

SMOKE TREE—Rhus.

Purple or White Fringe.

Small, 50c to 60c; specimens, \$1.00

SPRUCE (E)—Abies.

Excelsa (Norway Spruce).—One of our most popular evergreens. Very desirable for single specimens in the lawn and largely used for screens and wind breaks on account of its rapid growth. Foliage dark green.

Specimen plants, 75c to \$2.50 each; for hedges 20c to 60c, according to size.

Pungens, Glauca-Kosteri (Colorado Blue).

—A beautiful variety on account of its magnificent rich, silvery blue color. We offer only the "true blue" imported from Holland.

Small plants, \$1.50 to \$2.00; 3 feet up, \$4.00 to \$5.00.



Colorado Blue Spruce.

SPIREAS (D).—Graceful shrubs, everyone should plant. They are of the easiest culture, and very desirable in collections. All the Spireas bloom with a riotous extravagance which makes them quite striking. Their individual style, color and habits of growth differ so markedly, that a collection of varieties will ensure bloom the entire season.

NOTE—NO MORE AGENTS or traveling salesmen for us. We can give you better satisfaction without them. See page 1 and inside front cover.



RHODODENDRON PLANT

"Balled in earth." Can be moved any time from October to June. Not available.

Anthony Waterer (Bumalda).—Covered nearly the whole growing season with large umbels of deep crimson flowers.

Each 60c and 75c

Prunifolia (Bridal Wreath).—Slender, erect ingrowing variety, bearing very early in the spring, small double white flowers the entire length of its branches; very graceful habit.

Each 35c, 50c and 60c

Van Houttel.—The grandest of all the Spireas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing; perfectly hardy and an early bloomer. (See cut.)

Each 35c, 50c and 60c

Thunbergii.—Of graceful habit; the branches are slender and somewhat drooping; foliage in autumn changes to bright red and orange; flowers in feathery masses, white, appearing early.

Each 35c, 50c and 60c

Billardi.—Produces fine, deep pink flowers and blooms nearly all summer.

Each 35c, 50c and 60c



Spirea Van Houtte.

SUMAC (D).

Cut-Leaved Sumac (Rhus Glabra Laciniosa.)—A beautiful shrub, with large leaves, deeply and finely cut, and drooping graceful habit. Leaves assume a gorgeous crimson color in autumn.
50c to 75c

SYMPHORICARPUS (D).—Highly valued for use in densely shaded situations where little else will grow, and for the striking beauty of their bright, persistent fruits. 3 to 5 feet.

Alba (Snowberry.)—Inconspicuous, rose-colored flowers in June and July; followed by large, clustered, milk white fruits which remain far into the winter.
35c, 50c and 75c

Rubra (Indian Currant.)—Similar to the Snowberry except that its fruits are red and that the smaller red berries cluster in thickly about the stems and branches.
35c, 50c and 75c

SNOWBALL (D)—Virburnum.

Sterilis (Common Snowball).—Blooms in latter part of May. Flowers pure white, large balls. Every one should plant a Snowball.
3 to 4 ft. each 50c to 60c; 5 to 6 ft. 75c to \$1.00; extra choice plants \$1.50.

Plicatum (Japanese Snowball).—One of the most charming hardy flowering shrubs in existence; bears great wreaths and clusters of pure white globular masses of flowers; covered with bloom for weeks in the spring; grows 4 to 6 feet high; entirely hardy.
1½ to 2 ft. 50c to 60c; 2 to 3 ft. 75c to \$1.00.

TAMARIX (D).—Tamarisk.—Shrubs of light green, feathery foliage, thriving in light, sandy soil.

Africana.—Pink flowers. Each 50c to 60c

TULIP TREE (D).—A rapid-growing tree, with rich, glossy foliage; flowers tulip-shape, greenish-yellow; a fine shade tree. 4 to 6 ft. each 75c; 7 to 8 ft. each \$1.00 to \$1.50.

WILLOW (D)—Salix.

Babylonica (Babylonian or Weeping Willow.)—Foliage is bright green and has a wavy appearance. A well-known and graceful variety. Each 60c to \$1.00

Caprea Pendula (Kilmarnock Weeping Willow.)—Very distinct and ornamental. Large, dark green leaves; branches droop to the ground.
4 to 6 ft. stem, good head, \$1.50 to \$2.50

WEIGELA (D) — (Diervilla).—Beautiful shrubs that bloom in May, June and July. The beautiful trumpet-shaped flowers are produced in so great profusion as to almost entirely hide the foliage. They are very desirable for the border or grouping, and as specimen plants for the lawn. (See illustration).

Prices: Following kinds, each 35c to 50c; extra large plants, 60c to 75c.

Candida.—Beautiful white flowers; a continuous and profuse bloomer; very hardy.

Rosea.—Lovely large, rose-colored flowers, borne in such profusion that the whole bush appears a mass of rosy bloom.

WALNUTS (D).

American Black (Juglan).
4 to 6 ft. each 60c to 75c

English or French.—We have a fine lot of young trees. These are nut-bearing, second-generation stock and of the best varieties for this Coast.
prices: Each, 3 to 4 ft. 30c to 40c; 5 ft. each 60c; 6 to 8 ft. 75c to \$1.00 each; 8 to 9 ft. \$1.25.

GRAFTED STOCK.—This year we are prepared to supply you with Oregon grown trees that are extra select and ESPECIALLY FINE ROOTED, much superior to the California trees on account of the fine growth of strong fibrous roots. The stock we offer is Voorman's famous Franquette grafted on California black walnut roots.

Prices—4 ft., 85c; 5 to 6 ft., \$1.00; 6 to 7 ft., \$1.25; 7 to 9 ft., \$1.50 to \$1.75.



Viburnum Plicatum—Japanese Snowball.

DON'T

Be misled by the fine catalogs with little prices sent out from the East. Buy our field grown plant, much larger and better than the weakly Eastern stock.

VIRBURNUM (D).

Lantana (Wayfaring Tree).—White flowers in large dense cymes; fruits bright red, changing to a much darker shade with age. Each 35c, 50c and 75c

Opulus (High Bush Cranberry).—Handsome and dense foliage; flowers white in drooping flat cymes followed by brilliant scarlet fruit in showy pendulous bunches that remain on the plant all winter. Each 50c and 75c

YEW (E)—Taxus.

Small growing evergreens that are highly ornamental as single specimens or in groups. Very desirable for formal effects.

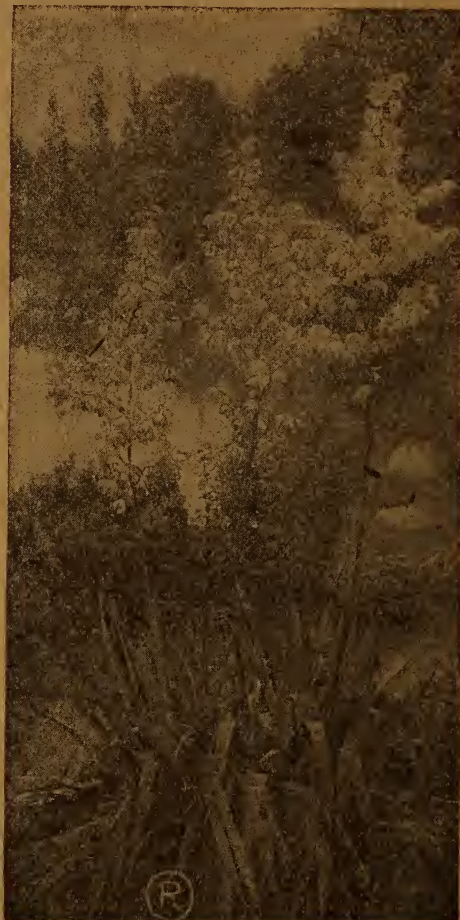
English (Baccata).—Of slow growth and bushy form; branched and thickly covered with somber green foliage; can be trimmed into any shape. \$2.00 to \$2.50

Irish (Hibernica).—Peculiarly upright in growth; foliage dark green and distinct; compact. \$1.50 to \$3.00

Irish Golden.—Leaves green and gold; very attractive and effective. \$1.50 to \$2.50

YUCCA (E).—Adam's Needle.

A stately foliage and flowering plant equally imposing in solitary or group plantings, always conspicuous. The broad sword-like foliage is evergreen; while midsummer shows great erect branching stems bearing a showy display of pendant, creamy-white bells. 1-year plants, 8- to 10-inch, 20c each; \$2.00 dozen; 2-year and up, 35c to 50c; 15- to 24-inch, 75c to \$1.50; specimen plants, \$1.50 to \$3.00.

HARDY VINES

CLEMATIS (Virgin's Bower).—No hardy flowering climbing vine excels in beauty and effectiveness the finer sorts of Clematis. As a climber for the veranda, a screen for fences, for pillars along the garden walks, for training on walls or arbors, or in masses on rockwork, it has no rival among strong growing blossoming plants. The Clematis should be grown in rich, deep, sandy loam, and be well mulched with rotten manure in winter. The richest sheets of bloom and largest flowers are obtained where it has partial shade and a liberal supply of water at the roots.

Paniculata (New Sweet-Scented Japan Clematis).—Of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy, green foliage. The flowers are of small size, pure white, borne in profusion in September and October, and of a most delicious and penetrating fragrance. Small plants, 25c; strong 2 to 3-year-old plants, 35c to 75c each.

C. Montana.—A hardy rapid grower, flowers snow white, fragrant and freely produced in May and June. Strong plants, 50c to 75c

Montana Rubens.—New, same as above, except in color, which is of a pleasing shade of soft rosy red. Each, 60c to 75c



Clematis.
LARGE
FLOWERED

These bear large and beautiful flowers of various shades of color through the latter part of the summer and early fall. The following varieties are the very best and our plants are all two years old.

PRICES

Your choice of the following strong roots, 75c each; 3 for \$2.00; 5 kinds, \$2.75 postpaid.

Lawsoniana (No. 1)—The best light blue or lavender.

Ville de Lyon (No. 2)—The best bright red; equal to Jackmanii in size.

Henryi (No. 3)—Fine, large, creamy white flowers. A fine strong grower.

Jackmanii (No. 4)—Intense violet purple; most popular variety.

Duchess of Edinburgh.—A free-flowering double white variety; very fragrant.

CAUTION.—IN PLANTING CLEMATIS DIG A LARGE HOLE AND SPREAD THE ROOTS OUT VERY CAREFULLY AND COVER CROWN OF PLANT ABOUT FOUR INCHES. KEEP WATERED IF SET CLOSE TO A DRY WALL.

AMPELOPSIS

Veitchi (Boston Ivy, or Japan Ivy).—The most popular and desirable climbing plant for covering brick, stone or cement walls, etc.; when it becomes established at the root it is of very rapid growth, and clings to the smoothest surface. The foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. In planting cut back to within the plants should be cut down to within 5 inches of the ground, so that the new growth may cling to the wall from the bottom up.

Strong plants 25c to 35c; extra strong 50c

Quinquifolia (Virginia Creeper, or American Ivy).—This well-known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall.

Strong plants 25c to 35c; extra strong 50c

Hagelmanni.—Very much like the above, but on a rough surface it will cling without support in the same way as the Veitchi.

Strong plants 25c to 35c; extra strong 50c

IVY

Common English.—Thick, leathery, ever-green leaves; strong grower.

Good roots each 15c to 25c

Trumpet Vine (*Bignonia*).**CLIMBING HYDRANGEA**

Schizophragma.—This bears large panicles or trusses of flowers, which resemble a white Hydrangea. It clings readily to any rough surface or wall, flowering freely during July and August. Large imported plants \$1.00 each; pre-paid \$1.35.

DUTCHMAN'S PIPE (*Aristolochia Sepho*)

A strong, rapid growing vine with handsome light green leaves. It will give a quick, dense shade and is much used on arbors and trellises. The brown flowers are shaped like the bowl of a pipe. Large plants. Each 75c to \$1.00

MONEYSUCKLE

A beautiful climber, rapid grower and very desirable; flowers very fragrant, and produced in great profusion. Your choice of the following 35c to 50c each; extra strong 60c to 75c:

Halleana.—Very popular; almost evergreen; profuse bloomer; flowers white, passing to yellow.

Belgica (Monthly Fragrant).—Flowers are large and very fragrant; color red and yellow.

Sempervirens (Scarlet Trumpet Money-suckle).—Trumpet-shaped flowers of a bright scarlet.

Flava (Yellow Trumpet).—A choice but scarce species, with bright yellow flowers.

JASMINE

Graceful, pretty flowers with fine foliage, clean, neat, attractive and hardy.

Each 50c to 60c

TRUMPET VINE—*Bignonia*

For covering unsightly places, trellises, rockwork, or wherever a showy-flowering vine is desired, the *Bignonias* will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size.

Strong plants each 50c to 75c

WISTARIA

A rapid, hardy climber that will grow to a height of 50 feet or more. The fine foliage and flowers are produced early in the season, and come in magnificent clusters. One of the most desirable and showy climbers we know of.



Wistaria Vine and Flowers.

Multijuga.—This valuable new *Wistaria* was introduced from Japan, and produces magnificent racemes of lovely flowers, often measuring 18 to 24 inches in length. **WHITE OR PURPLE**—budded stock from Japan \$1.00 to \$1.50; extra old and strong, \$2.00 to \$2.50.

Sinensis.—Lovely panicles of flowers, produced in the most wonderful profusion. **WHITE OR PURPLE**, strong, 2-year vines, 60c to 75c; extra heavy, \$1.00 to \$1.50 each.

Important—When planting clematis and other vines be sure you spread out the mat of fine roots so that the soil comes in contact with all of them, otherwise they will dry out and die. Be very careful with Clematis especially.

LAWN GRASS SEED

Though we offer separately, seed of many of the grasses suitable for the lawn, we consider as very erroneous the somewhat prevalent idea that any single variety of grass seed is preferable or equal to a mixture.

NOTE.—We will prepare special mixtures for shady places, low, wet soils, very dry soils and terraces. Just mention it when ordering.

R. R.'s Evergreen Lawn Grass

To obtain a good Lawn Grass Mixture, it is necessary that the best possible seed of fine grasses be used in the combination, embracing such varieties as are of neat, close growth, extreme hardness, and adapted to produce a quick, permanent sod. Judicious selection of seed, knowledge of the habits, vigor, quality and hardness of varieties used in the mixture can only be gained by thorough and practical tests under different climatic and soil conditions. After more than 16 years' experience, we offer our Evergreen Lawn Grass Seed Mixture, composed of a thoroughly balanced combination of various native and foreign fine-leaved, deep-rooting grasses of interweaving habit, that will flourish under varied soil and climatic conditions, and which may be depended upon to produce a beautiful, compact evergreen sod that will resist tramping and hard usage, and at the same time present that handsome, velvety appearance so much desired.

PRICE, 40c per lb. postpaid. 10 lbs. or more NOT PREPAID, at 35c lb.

Note.—You better spend a few cents or a dollar extra on the seed you buy and have a fine lawn that you'll be proud of. Sow 1 pound seed to 15 feet square for best results.

FAIR GREEN LAWN GRASS

For those that are not so particular, or for ordinary purposes, this mixture will give satisfaction. It is not a cheap mixture; far from it. We know it is equal to most fancy or special mixtures being offered.

Per lb. 30c; postpaid; 10 lbs. or more, not prepaid, at 25c lb.

Dunham Water-Weight Lawn Rollers

This roller has a water-tight steel drum which can be filled with water to make it heavy, and emptied when storing away.

The roller is fitted with steel roller bearings and is an easy running, long-wearing machine. Ask for booklet—"The Proper Care of Lawns"—free. We carry the following sizes in stock. We will gladly get larger sizes on orders.

No.	Diam. Inches.	Length Inches.	Sections.	Weight Empty	Filled with Water.	Price
WB 3	14	20	1	65	200	\$10.00
WB 5	18	24	1	80	310	13.00
WB 7	24	24	1	115	500	17.00
WB 11	18	24	2	100	330	18.00
WB 13	24	32	2	160	650	24.00

During Winter Months freezing and thawing and heavy rains loosen the soil and heave the turf away from the sub-soil, leaving millions of sensitive "feeder-roots" exposed to the air. In the spring when the grass should start growing these roots soon dry out and die.

In summer, too, sun and wind tend to dry out, bake and crack the surface soil around the roots and this is equally harmful to the lawn. A good roller will compress the soil around the roots, and press the turf back against the moist sub-soil so the roots can absorb the water and plant food.

Rolling occasionally throughout the summer (especially after heavy rains) keeps the surface even and prevents the soil drying out. It discourages the work of worms, ants, moles and gives a smooth, even lawn for the mower to run over.

It is absolutely impossible to keep a lawn, large or small, in perfect condition without rolling, no matter how many other things may be done in taking care of it. This fact should be well understood by the large and growing army of Americans who take pride in the beauty of the lawns surrounding their city or country homes.



Before Rolling.



Dunham Lawn Roller
(Showing new "No Tip" handle lock and how to fill.)

After Rolling.

SWEET PEAS OF HIGHEST QUALITY

No seed company in the world offers finer Sweet Pea Seed than we. The new orchid-flowered or Spencer types are the latest, and well worth the higher price asked. Those who have tried the true "new Spencers" will never be satisfied again with the old types.



New Spencer Sweet Peas.

Plant This Fall

In order to secure very early flowers, you must plant Sweet Peas in the fall, in well drained soil. During September and October is the best time. The idea is to get the plants up a few inches before it gets so cold that the seed will not sprout. The plants will not grow much during the winter, but will start quickly with the first warm days of spring. In case of very severe weather, a light covering of straw or fir boughs will protect them from serious injury. If your soil and location are good for fall planting, you will have flowers by the time many people plant in the spring. Should you fail, you can plant again in the early spring, and not be out much. The results if you succeed are worth the effort and outlay. We are headquarters on this coast for the Giant Spencer Sweet Peas and have the choicest varieties.

PRICES (Giant Spencers), mixed or separate colors, your choice, 10c to 25c per pkt.; 35c to \$1.00 per oz. **Grandiflora**, pkt. 5c, oz. 15c. Our Seed Catalog gives full description and prices, but the following are very desirable.

ROSE CITY MIXTURE OF GRANDIFLORA

Extraordinary care has been taken in the selection of the varieties and the quantities of each to make up the mixture, and the result is one that cannot fail to excite the admiration of even the most critical.

Large pkt. 5c; oz. 10c; ¼-lb. 25c; lb. 75c

R. R.'S SUPERB GIANT SPENCER MIXTURE SWEET PEAS

This is our own special mixture and is composed only of the best giant orchid-flowered wavy Spencer types, also contains some new seedlings that have not as yet been named. For healthy, robust growth, wealth of blooms, size of flowers and exquisite and rare colorings, this mixture is unequalled.

Put up and for sale in sealed packages only; ½-oz. pkts., 15c; oz. pkts., 25c each, 3 for 60c, 6 for \$1.00.

R. S. & F. CO.'S GIANT SPENCER COLLECTION

We have put up, in one large, beautifully lithographed envelope, seven distinct and new Giant "Spencers"; each kind in a separate packet and properly marked. This collection contains "Cultural Directions" and one full-sized packet of the following kinds: **WHITE SPENCER**, Pure White, 10c; **PRIMROSE SPENCER**, Cream, 10c; **MRS. HENRY BELL**, Cream Pink, 10c; **MAUD HOLMES**, Scarlet, 10c; **ASTA OHN SPENCER**, Lavender, 10c; **HELEN LEWIS SPENCER**, Orange, 10c; **MRS. A. IRELAND**, a beautiful Pure Pink, 16c.

This 75c collection for only 50c postpaid.

FLOWER SEEDS OF HARDY PERENNIALS.—By sowing the seed this fall, in a sheltered part of the garden, or in cold frames or "flats," you can raise at little cost a good supply of any of the Perennial Flowering Plants we offer on pages 22 and 26. Seed sown this fall will produce plants that will flower nicely for you next summer and fall. Order what you want at 10c per packet, or consult our Seed Catalog—we'll mail copy, if you have none.

SPRAY PUMPS AND SPRAYERS

We can supply nearly twenty different styles, from a light hand pump to the large, powerful power outfits.

We describe and illustrate below only a few hand sprayers, but will gladly mail our complete catalog of Hand, Barrel and Power Pumps on request. Our pumps are guaranteed to be as represented or money refunded.

BY MAIL—If wanted by mail, add postage—note P. P. (Parcel Post) weights. Your postmaster will tell you how much to send.



Lowell Fountain Compressed Air Sprayer.

LOWELL FOUNTAIN SPRAYER

The only perfect and satisfactory compressed air sprayer on the market. It's really a pleasure to operate them.

Every city gardener, florist and poultry keeper needs a Lowell Fountain Sprayer; clean and easy to operate; no need to get any spray on your hands or clothes; will last a lifetime with reasonable care. (Try one at our store.)

Special Features: Capacity 3 gallons; can be carried by the handle (see cut) or a strap that goes over the shoulder. The automatic controlling valve under the handle is easily operated with one finger. You have perfect control of the spray and don't waste any. The air pressure pump is outside where you can get at it, the filler plug is well made and fits tight. The tank after being seamed and riveted is dipped into molten solder, making it absolutely air-tight and the strongest Air Pressure Sprayer made, standing five times the air pressure necessary to operate. Hose and extension, 2 nozzles and filler funnel, with each outfit. Extra 2 feet brass extensions can be had for spraying high. Complete description booklet on request.

Price: No. 111, brass tank, \$7.50; No. 110, galvanized tank, \$5.00. (P. P. 12 lbs.)

NOTE—Can be sent by parcel post, but express is safer.

Extras—2-foot brass extension rods, each 75c; vine attachment, 2-foot extension with bent neck, each \$1.00. (P. P. 1 lb.)

Note—Any little part can be furnished at any time. If wanted, send for catalog showing parts.

Sprays—Insecticides

We carry in stock a full and complete line of Sprays and Insecticides for fall, winter and spring spraying. If interested, and you should be, refer to our Spring Seed Catalog, pages 104-107, if you have it, or write for information.

DON'T WAIT until the fungi, such as mildew, rust, black spot, etc., have attacked your roses and trees; the fungicide sprays are merely preventives and should be used in the fall or early in the spring. After the disease has developed, it may be too late to save the plant. Spray as soon as the leaves drop with "Bordeaux."

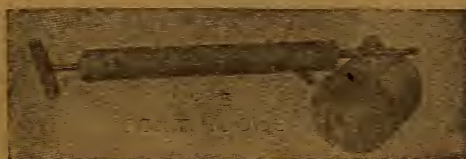
O. K. BRASS BUCKET PUMP

(See cut) — Constructed entirely of brass. It is furnished with three feet of best quality rubber hose, detachable; malleable iron stirrup, three interchangeable brass nozzles which throw a fine mist, coarse spray or a solid stream. Pump is provided with large air chamber, with brass ball valves and valve seats. Throws a continuous spray; neat in appearance as well as durable in construction. Much superior to pumps of this class offered heretofore. Look at illustration carefully. (P. P. 7 lbs.)

Price \$2.75

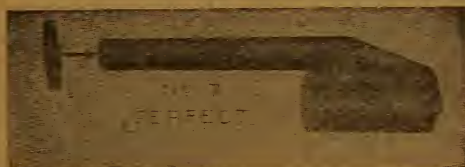


O. K. Bucket Pump



NO. 5 CONTINUOUS SPRAYER

A new continuous hand sprayer of real merit, the new style for 1914 is larger and greatly improved. As the name implies, is so constructed that it not only sprays on the downward stroke of plunger, but also when it is drawn back, thus causing a continuous mist-like spray, enabling one to spray three times as fast and with one-third the labor. Positive in its action and practically indestructible. Length 20 inches. Capacity, one quart. (P. P. weight 1½ lbs.) Each: tin, 75c; galvanized, \$1.00; brass, \$1.50.



NO. 7 PERFECT SPRAYER

Capacity, one quart. The special arrangement of the spraying tube is such that it thoroughly breaks up or atomizes all oils and solutions into a fine mist-like spray which penetrates all cracks and crevices. Adapted for all kinds of general spraying and is used very extensively for spraying disinfectants, etc. Length 20 inches. (P. P. 1½ lbs.) Each 50c.

Garden or Rose Stakes

Prices Not Prepaid.

CEDAR.—Round; painted green, white top; last and look well. Per doz., 3 ft. 75c; 3½ ft. 80c; 4 ft. 85c; 5 ft. \$1.25; 6 ft. \$1.75; 8 ft. \$2.25.

BAMBOO.—Inexpensive and very desirable for pole beans, etc., or flowering plants or shrubs.

NOTE.—State for what purpose you want them, as we have them from pencil thickness (¼-inch) up to 1¼ inch.

Price per dozen: 1½-ft. 10c; 2-ft. 15c; 3-ft. 20c; 4-ft. 25c; 5-ft. 30c; 6-ft. 50c; 8-ft. 75c. Write for low price by the 100 or 1000.



Standard Pots, Etc.

Prices by express or freight. Not available. Fig. 1—Fern Dish Filler; 2—Bulb Pan; 3—Azalia or Fern Pot; 4—Flower Pot. All styles same prices.

Size	Prices		Saucers Each.
	Each.	Doz.	
2-inch	\$.02	\$0.20	....
3-inch	.03	.30	....
4-inch	.04	.40	\$0.02½
5-inch	.06	.60	.02½
6-inch	.10	.90	.05
7-inch	.12	1.20	.07½
8-inch	.16	1.75	.10
9-inch	.25	2.50	.15
10-inch	.40	....	.20
12-inch	.60	....	.35
15-inch	1.50	....	.50

Should you wish a few small sizes by mail, write for prices packed.

Labels

The tree and pot labels we offer below are strictly No. 1 labels, smooth and well wired. The painted labels are "really painted," not dipped, in oil. Ordinary lead pencil writing on the painted labels is always readable; it don't wash off.

TREE LABELS. (P. P. 4 lbs.)

	25	100	M
Painted, copper wired	\$.015	\$0.25	\$1.50
Unpainted, iron wired	.10	.15	1.25
Aluminum, copper wired	.60	2.00	

POT AND GARDEN LABELS

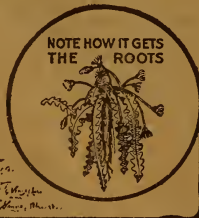
	25	100	M
Painted, 4-in. (P. P. 3½ lbs.)	.10	.20	\$1.25
Painted, 5-in. (P. P. 4½ lbs.)	.15	.25	1.50
Painted, 6-in. (P. P. 5 lbs.)	.15	.30	2.00
Painted, 8-in. (P. P. 1½ per C.)	.20	.50	5.00
Painted, 10-in. (P. P. 2 lbs. C.)	.25	.75	6.00

HALL DANDELION PULLER

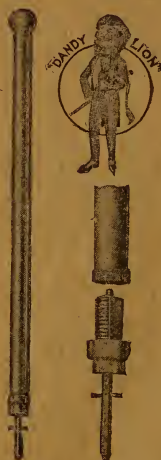
Here is a tool that gets the dandelion roots and all, and operator stands up. No wet knees or aching back. Just push the blade down in the ground close to the weed, press towards the weed and pull up. A patent hook near point of blade does the trick. A slot prevents dirt from clogging the hook. Is made of polished steel and will last a lifetime. Handle 30 inches long, steel part 8 inches (See cut). Price 50c. (P. P. 1 lb.)



At work with a Hall Dandelion Puller. Easy on the back and really a pleasure.



NOTE HOW IT GETS THE ROOTS



DANDY-LION WEED KILLER

A new, simple, yet practical tool that is automatic, quick and sure in its work. Cutting or pulling off the tops of weeds only makes the roots grow more vigorously; digging them out with a knife gives one the backache or lame knees, therefore use the "Dandy-Lion" same as a cane.

You simply fill it with solution (of gasoline, salt or vitriol, directions tell how) put the point on the root crown of the weed press a little, swing the top around in circular movement to open a hole and press down until the cross bar on the point (see cut) releases the fluid. The solution kills the root and all.



Alca Garden Tool.

"ALCA" GARDEN TOOL

Best all-around garden tool made. This remarkable combination tool is a trowel, fork, hoe, weeder and dibble—all in one. A spring releases the particular tool you desire. Light but strong and handles nicely. (15 inches long—see cut). Price 50c, postpaid 60c

Note.—We give the P. P. (Parcel Post) weights so you can add postage if wanted by mail. Don't forget to send it extra.

TOOLS EVERY GARDENER AND FRUIT MAN NEEDS

We give the P. P. (Parcel Post) weights so you can add postage if wanted by mail. Don't forget to send it extra.

TREE PRUNERS

Long handle tree pruners indispensable for pruning tall trees.

CLYDE.—No. 15, with spring; 6 feet, 75c; 8 feet, 90c; 10 feet, \$1.00; 12 feet, \$1.15. Cannot go by mail. Extra blades 25c ea. post paid.

PRUNING SAWS

No. (See Illustration) Each
46—DUPLEX; double edge; 16-inch...\$0.75
 18-inch (P. P. 1 lb.)..... .80
CALIFORNIA; curved blade, 16-inch... .75
 18-inch (P. P. 1¼ lb.)..... 1.00

BRANCH SHEARS

Something everyone with a few trees should have; cut easy and are most durable. (See cuts.)

No. (See Illustration) Each
48—CLYDE.—Best cheap shear; 20-in. handle 1.00
 22-in. (P. P. 4 lbs.)..... 1.25
50—FRESNO.—Long pointed blades of best steel; hardwood handles; 20-in. handle 1.25
 26-in. (P. P. 4 lbs.)..... 1.50
49—RED CLIPPER.—Draw cut with best tool steel blade; hook and shank held together with bolt and lock nut; hard maple handles; best for heavy work; cuts easy; 22-in. handle\$1.75
 24-in. (P. P. 4½ lbs.)..... 2.00
47—HEDGE SHEARS.—9-in.; high grade steel blades (P. P. 4½ lbs.) . 1.75

PRUNING SHEARS

No. (See Illustration) Each
36—5½-inch, nickel plated, spiral spring, for rose bushes or light pruning (P. P. 4 oz.).....\$1.00
37—8-inch, new style, with wire cutter; highest grade (P. P. 1 lb.)..... 1.75
32—8-inch, black finish, good but cheap75
30—9-inch, full polish, double brass spring, extra good shear (P. P. 1¼ lbs.) 1.50
32½—Same as 32, extra heavy, black, 9-inch (P. P. 1 lb.)..... 1.50



34—Black, with polished blade; best cheap (P. P. 1 lb.)..... .75
38—9-inch, new imported, patent fastener, bright finish, best for heavy work (P. P. 1 lb.)..... 1.75
35—Extra spiral springs Postpaid..... .15

PRUNING KNIVES

No. Postpaid Each
15—Large wood handle; hook blade. Excellent quality and very handy.....\$0.85
17—Same as above, only smaller..... .50
13—Large horn handle; excellent blade; very strong for hard service..... 1.25
H. Q.—Plain wood handle; stationary blade; the most popular knife for general use in the nursery yard..... .50

BUDDING KNIVES

No. Postpaid Each
20—Ivory handle, thin and flat; 1 blade of best steel\$1.00
20½—Same as above; black handle..... .85
18—Ebony handle; stationery ivory bark opener; very desirable..... 1.00
19—Wood handle; with good steel blade85
14—Horn handle; for budding or pruning; 3 blades; an excellent all round knife of excellent quality..... 1.50
16—Horn handle; for budding or pruning; 2 blades 1.00
H. Q.—Stationery wood handle; used by all nursery men for field budding; inexpensive, but good..... .35

GRAFTING KNIVES

No. Postpaid Each
1—H. Q.—Wood handle; stationery blade; strong and durable.....\$0.40
2—Same as above, only smaller..... .35



POSTAGE EXTRA.—On all tools above except knives. "P. P." stands for "Parcel Post," and add postage for weight given.



Parrot.



Gold Fish.



Canaries.

HAVE YOU SEEN OUR BIRD CATALOG?

If you are interested in Canaries, Parrots, or Cage Birds, Belgian Hares, Rabbits, Cavies, Gold Fish and Aquariums, you should read our new illustrated and descriptive special Catalog of Birds, Cages, Supplies, Foods, etc.

We have the largest and only complete stock in the Northwest. Our line of foods and remedies are unequaled anywhere.

A Post Card will do—Catalog Free.



Guinea Pig.

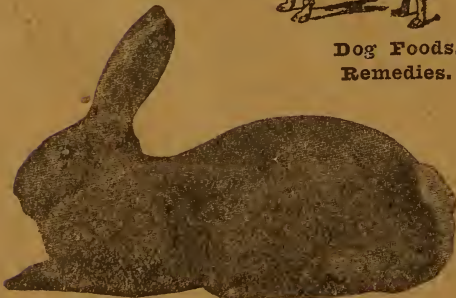


POULTRY SUPPLIES

Aside from catalog mentioned above and our Complete Seed Annual, we have a Special Poultry Supply Catalog, describing Incubators, Brooders, etc., Foods and Supplies for poultry keepers that are profitable and practical. If interested write for Free Poultry Supply Catalog.



Dog Foods.
Remedies.



Rabbits, Hares, Etc.



"WONDER ODORLESS FERTILIZER"

The best fertilizer for the city gardener; clean and odorless. Remember, it's ALL FERTILIZER; a wonder in action, a giant in strength, and the small amount necessary to use makes it the CHEAPEST AND MOST EFFICIENT High Grade Fertilizer on the market, and last, but not least, IT IS ODORLESS.

In "WONDER" you get the latest scientific discovery in plant food, something which gives results, something that astonishes. This "WONDER" fertilizer is the result of years of study and trials by a fertilizer expert. In "WONDER" we have a meritorious and ODORLESS concentrated fertilizer, put up in small packages, thereby making its distribution a cheap and easy matter. Being a concentrated fertilizer, only a very small amount is required to produce the largest yield. (See general directions below.) There's no use of your paying dray and freight charges on bulky fertilizers containing three-fourths sand, ash or dirt filler. "WONDER" is the pure "DOPE"—clean and easy to apply. We guarantee it to give results.

The small amount of "WONDER" required reduces the expense of fertilizing to about one-half the cost of manure or the average commercial fertilizers on the market.

The "WONDER" Fertilizer is sold only in 25-lb. white, clean canvas bags and 2-lb. odorless cartons.

PRICE OF "WONDER"—2-lb cans, 25c, add postage if wanted by mail. 25-lb. white canvas bag, f. o. b. cars or boat Portland or delivered free anywhere in this city or on any rural route within the first or second parcel post zone, \$2.00. STORE PRICE, \$1.75 per 25-lb. bag.

General Directions for Using Wonder

Remember a 25-lb. bag of "WONDER" is equal, in plant food, to 100 lbs. of most any other commercial fertilizer on the market.

For Ferns, Palms and House Plants: One-half teaspoonful to a 6-in. pot, dug into the top soil; 1 teaspoonful, heaping, when repotting, mix well through the soil.

For Vegetables: A teaspoonful to a Cabbage, Tomato, Cucumber, Pumpkin or Melon Vine. Sprinkle lightly, in the row, when planting Radish, Lettuce, Peas, etc., or hoe in the top soil after they are up. **For Flowers outside:** A very little to each plant, or dig into the top soil before or after planting.

For the Lawn: One 25-lb. bag of "WONDER" will go over a space of your lawn 50x50 or 2500 square feet, and is sufficient for same, applied once yearly. In dry weather always water after applying.

For Fruit, Roses, Etc.: A heaping tablespoonful for a small Fruit, Berry, or Rose Bush, a cupful for a 3 or 4 yr. tree; 1 to 3 lbs. to a full-bearing Fruit Tree, large Flowering Shrub or Vine.

CAUTION! Always mix the fertilizer into the top soil as much as possible, and water or sprinkle after applying it, especially on grass or tender foliage or growth.

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Suitable Distance for Planting Trees and Plants

Note.—In planting in the home garden for hand cultivation, you can set plants or trees closer.

Apples, Standard	20 to 30 feet	Gooseberries	4 by 6 feet
Apples, Dwarf	10 to 12 feet	Raspberries	3 by 6 feet
Pears, Standard	18 to 20 feet	Trailing Blackberries, Lo-	
Pears, Dwarf	10 feet	gans, etc.	3 by 6 feet
Peaches and Apricots	16 to 18 feet	Other Blackberries	2½ by 3 feet
Cherries, Sweet	20 to 25 feet	Strawberries, in Hills	1½ by 3 feet
Cherries, Sour	16 to 20 feet	Strawberries, Matted Rows	1½ by 2 feet
Plums and Prunes	16 to 20 feet	Asparagus, in Beds	1 by 1½ feet
Quinces	10 to 12 feet	Asparagus, in Field	1 by 4 feet
Grapes	6 by 12 feet	Rhubarb	2 by 4 feet
Currants	4 by 4 feet		

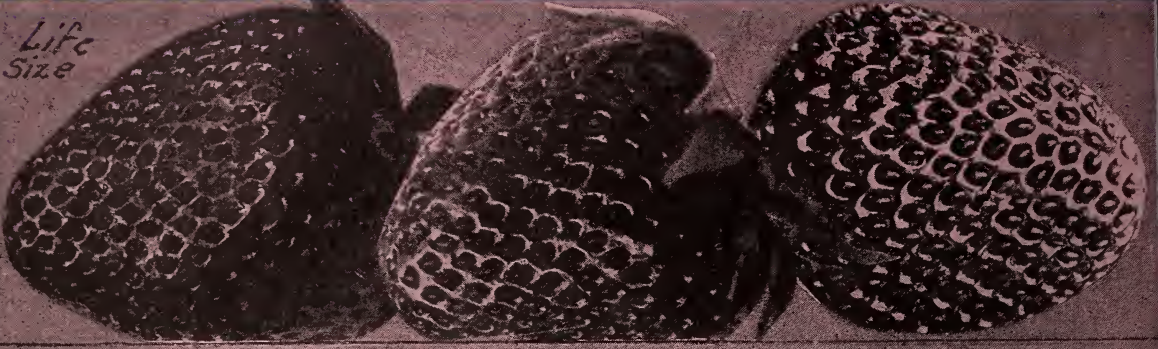
Number of Trees or Plants On An Acre

1 by 2 feet	21,784	6 by 8 feet	907
1 by 3 feet	14,520	6 by 6 feet	1,210
1 by 4 feet	10,390	8 by 8 feet	680
1½ by 2 feet	14,520	10 by 10 feet	430
1½ by 3 feet	9,682	12 by 12 feet	302
2 by 3 feet	7,261	15 by 15 feet	194
2 by 4 feet	5,446	16 by 16 feet	170
3 by 4 feet	3,630	18 by 18 feet	135
3 by 5 feet	2,904	20 by 20 feet	110
3 by 6 feet	2,420	25 by 25 feet	70
4 by 4 feet	2,723	30 by 30 feet	48
4 by 6 feet	1,815	40 by 40 feet	28

RULE.—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet, for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants to the acre.

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